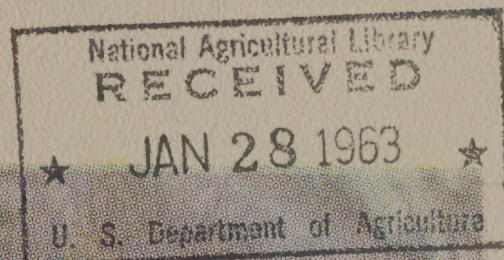


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# MCLAUGHLIN'S SEEDS

Box 207, Dishman Branch  
Spokane 63, Washington



SPRING 1963

THUMBELINA DWARF ZINNIA

All America Selection Gold Medal



# McLAUGHLIN'S SEEDS

BOX 207, DISHMAN STATION  
SPOKANE 63, WASHINGTON

Our growers are specialists in their respective fields and include the major firms in Europe and in this country. We believe you can't buy better seeds; we further believe our prices will save you money. May we have the opportunity to show you?

**This catalog supersedes all previous lists and prices.**

**TERMS OF SALE:** Orders under \$5.00 are net. On orders with cash enclosed or on C.O.D. orders from \$5.00 to \$25.00 5% discount; \$25.00 to \$100.00 8% discount; over \$100.00 10% discount.

On charge orders paid within 30 days of invoice date: \$5.00 to \$50.00 2%; \$50.00 to \$100.00 5%; \$100.00 and over 8%. PLUS 2% if you order before December 1

THERE IS NO DISCOUNT ON ORDERS NOT PAID WITHIN 30 DAYS.

**WE PREPAY POSTAGE:** All orders are accepted subject to crop and to prior sale.

**McLAUGHLIN'S SEEDS** warrants to the extent of the purchase price that seeds are as described on the container within recognized tolerances. We give no other or further warranty, expressed or implied.



The tiny plants of Thumbelina Zinnia grow only 6 inches tall, yet provide a constant supply of fresh flowers until frost. Never needs pruning! See page





# What's new?



Thumbelina

Well, of course the big news this year is the introduction of Thumbelina Zinnia, but there are several other new items as well,

ZINNIA THUMBELINA All-America Selection Gold Medal for 1963

A unique dwarf zinnia only 6 inches high covered with double and semi-double flowers in a wide range of colors.

ZINNIA APACHE SNOWFLAKE A hardy perennial zinnia forming a low mound covered with 3/4 inch white flowers.

ZINNIA GRAND CANYON Strongly cactus flowered blooms in desert shades and bicolors.

ZINNIA F 1 FIRECRACKER All-America Selections silver medal for 1963

SNAPDRAGON F 1 SPRITES A new dwarf heavily base branching strain only 14-18 inches high that does not require staking. Separate colors and mixture.

CASCADE SERIES OF PETUNIAS A new type of F 1 hybrid with very large, freely borne flowers. Early. Strong growing and especially adapted to boxes, banks.

SNOW MAGIC PETUNIA An improved White Magic

NEW MULTIFLORA OR CARNATION FLOWERED DOUBLE PETUNIAS Cardinal is an improved Cardinal or Red Riches; Honey Bunch is a new soft salmon pink and Snowbird is a pure white multiflora double.

NEW F 1 HYBRID DWARF CALIFORNIA GIANT PETUNIAS in separate colors and formula mixtures.

AMARYLLIS (Hippeastrum) MAN FROM MARS Brilliant red shades with giant flowers 7-9 inches in diameter.

HIGO JAPANESE FLAG IRIS This is a water-loving Iris with flowers up to 8 inches across in shades of purple, blue white lavender, variously marked. Blooms from seed year following sowing.

CELOSIA CRISTATA DWARF ROSE BEAUTY Huge combs are bright deep rose.





*New!*

F<sub>1</sub> Hybrid Nanum

*Sprites*



Here they are! Genuine semi-dwarf snapdragon hybrids of incredibly uniform height and color, and a capacity to bloom that will delight any gardener.

These beautiful F<sub>1</sub> hybrids are ideal for mass beds, since they require no staking, and they make a border that looks as if it were manicured to the last leaf and petal every hour of the day.



Amaryllis Man From Mars



Zinnia Apache Snowflakes





# ANNUAL FLOWER SEEDS

*Ageratum Blue Mink*

ABUTILON HYBRIDUM (Flowering Maple) 7000 S.

Maximum Huge flowers; fine shades. Cool greenhouse. Tr. Pkt. 60¢; 1/16 oz. \$1.20.

ACROLINUM Sensation Giants Mixed 8500 S. Large semi-double strain of straw-flowers. 24 ins. White and shades of rose and pink. Tr. Pkt. 20¢; 1/4 oz. 40¢.

AGATHEA (Blue Daisy) 27,000 S. Half-hardy.

Coelestis 18 ins. Pale blue daisy-like flowers. Freeze. Tr. Pkt. 30¢; 1/4 oz. 75¢.

## AGERATUM

AGERATUM MEXICANUM 214,000 S. Widely used for bedding and for combinations.

Tetra Blue Mink Giant trusses of powder blue flowers on strong stems. Grows to height of 6 to 8 ins. Upright yet compact and even in habit. Tr. Pkt. 50¢; 1/8 oz. \$1.20; 1/4 oz. \$2.20.

Blue Ball Improved Uniform compact plants. Dark green leaves are almost hidden by mid-blue flowers. 5 ins. Tr. Pkt. 30¢; 1/8 oz. 65¢; 1/4 oz. \$1.25.

Blue Bedder Fairly uniform; bright blue flowers. 12 ins. Tr. Pkt. 30¢; 1/8 oz. 65¢.

Blue Island Large flowered deep blue. 8 ins. Tr. Pkt. 30¢; 1/8 oz. 65¢.

Blue Lake (New) Attractive deep blue; uniform habit.

Midget Blue 4-5 ins. Clear blue flowers; dense, small-leaved plants. Above two: Tr. Pkt. 45¢; 1/8 oz. 85¢; 1/4 oz. \$1.60.

Blue Perfection 10-12 ins. Large medium blue flowers. Tr. Pkt. 20¢; 1/4 oz. 40¢.

Fairy Pink Shades of pink. Dwarf. Tr. Pkt. 45¢; 1/8 oz. 85¢.

Little Dorrit White Silvery-white, 6 ins. Tr. Pkt. 30¢; 1/8 oz. 55¢.

Golden Ageratum (Lonas inodora) Golden yellow; 12 ins. Tr. Pkt. 40¢; 1/16 oz. 75¢. 1/8 oz. \$1.35.

Schnittwunder Best for cutting; 20-24 ins. high. Medium blue. Tr. Pkt. 25¢; 1/8 oz. 50¢.

ALOE variegata (Tiger Aloe) variegated succulent foliage. 100 Seeds \$1.65; 1000 Seeds \$11.50.



## ANNUAL ALYSSUM

ALYSSUM (Sweet Alyssum) 60,000 S. per oz.

\* Carpet of Snow Dense growing, compact but spreading plants producing a carpet of white flowers. 4 ins. Tr. Pkt. 40¢; 1/4 oz. 60¢; 1 oz. \$1.50.

\* Royal Carpet Spreading compact plants of rich violet. Height 3 ins. Tr. Pkt. 40¢; 1/8 oz. 75¢; 1/4 oz. 90¢; 1 oz. \$2.25.

\* Rosie O'Day Deep rose pink throughout growing season. Compact prostrate habit. 3-4 ins. high, 10 ins. in diameter. Tr. Pkt. 85¢; 1/8 oz. \$1.65; 1 oz. \$8.50.

Little Gem Dense compact plants about 5 ins. tall; not spreading. Covered with white flowers. Tr. Pkt. 20¢; 1/4 oz. 35¢; 1 oz. \$1.00.

Violet Queen Bright violet flowers on dwarf compact plants about 5 ins. tall. Tr. Pkt. 20¢; 1/4 oz. 50¢; 1 oz. \$1.75.

Pink Heather Soft lavender-pink; plant and blooming habit of Little Gem. Tr. Pkt. 45¢; 1/8 oz. 85¢; 1/4 oz. \$1.20; 1 oz. \$3.50.

AMARANTHUS 28,000 S. Colorful foliage; heat resistant.

Aurora Scarlet foliage variegated with yellow and green. Tr. Pkt. 25¢; 1/4 oz. 45¢.

Pygmy Torch Deep crimson. 14 ins. Tr. Pkt. 20¢; 1/4 oz. 40¢.

ARALIA Palmately lobed foliage plants. Order for April-May delivery.

Sieboldii 100 Seeds 40¢; 1000 Seeds \$3.20

Moseri 100 Seeds 50¢; 1000 Seeds \$3.50

ARCTOTIS 9,000 S.

Large Flowered Dwarf Hybrids Gerbera-like blooms in many colors. 9 ins. Tr. Pkt. 50¢; 1/4 oz. \$1.50.

ASPARAGUS (Greenhouse) New crop February; viable up to six months.

Plumosus Nanus: Sprengeri

Either: 100 Seeds 30¢; 250 Seeds 70¢; 1000 Seeds \$2.40; 5000 Seeds \$9.80

## ANTIRRHINUM - OUTDOOR SNAPDRAGON

ANTIRRHINUM F 1 HYBRID These hybrid snapdragons developed in recent years have been bred for heat and shatter resistance and therefor make it possible to grow garden snapdragons with long-flowering spikes comparable to those grown under glass.

Sprites A fine new dwarf, heavily base branching strain with a host of large blooms in clear colors. Perfect for bedding as the plants do not require staking. 14-18 inches high. Spikes are adequate for cutting despite dwarf habit.

Crimson Sprite; Scarlet Sprite; Yellow Sprite; White Sprite; Mixed Sprites.  
Above Sprites: 1/2 Tr. Pkt. \$1.25; Tr. Pkt. (1/128 oz) \$2.00; 1/64 oz. \$3.80;

Rocket All-America Award 1960. Long compact spikes on strong stems. Rocket Red; Rocket Rose; Rocket Bronze; Rocket Gold (yellow); Rocket Orchid, Rocket Pink; Rocket White; Rocket Mixed. 1/2 Tr. Pkt. (750 S.) \$1.60; Tr. Pkt. (1500 S.) \$3.00; 1/64 oz. \$4.75; 1/32 oz. \$9.25; 1/16 oz. \$18.00; 1/8 oz. \$32.00.

Summertime Our name for these bedding snapdragons grown in Japan by T. Sakata. Early blooming and continuous-blooming; hybrid vigor. Sow early. Summertime Pink; Summertime Red; Summertime Rose; Summertime Yellow; Summertime White; Summertime Lavender; Summertime Mixed. 1/2 Tr. Pkt. (750 S.) 90¢; Tr. Pkt. (1500 S, 1/100 oz) \$1.75; 1/64 oz. \$2.60; 1/32 oz. \$4.90; 1/16 oz. \$9.20; 1/8 oz. \$16.20.

Burpee F 1 Hybrid Double Snapdragons Summer-flowering for outdoor use. Long tapering spikes. Very long-lasting. 2 ft.

Vanguard cerise-rose; Highlife cream, yellow lip; Venus pink, yellow lip  
1/2 Tr. Pkt. (500 S.) \$2.00; Tr. Pkt. \$3.50; 1/64 oz. \$7.50.



#### ANTIRRHINUM F 2 HYBRID

Panorama Mixed, Bred for heat resistance. Large florets on giant spikes. Tr. Pkt. 50¢; 1/8 oz. \$1.50; 1/4 oz. \$2.50; 1 oz. \$8.50.

#### ANTIRRHINUM TETRA (Giant Ruffled Tetraploid) 26 ins.

Tetra pink and Rose Shades; Tetra Dark Rose; Tetra Crimson; Tetra White; Tetra Candlelight bright yellow; Tetra Orchid; Tetra Sunset blend of bronze, gold, pink and orange shades; Tetra Dark Orange orange-bronze.

Above: Tr. Pkt. 45¢; 1/16 oz. 75¢; 1/8 oz. \$1.20; 1/4 oz. \$2.10; 1 oz. \$7.50.

Tetra Mixed Tr. Pkt. 35¢; 1/8 oz. 90¢; 1/4 oz. \$1.65; 1 oz. \$6.00.

#### ANTIRRHINUM TALL RUST RESISTANT TYPES (Majus-Maximum combined) 2 1/2 ft.

Appleblossom rosy pink, white tube; Brilliant Rose true rose pink; Campfire luminous scarlet; Copper Queen bronzy copper; Padre glossy deep crimson, dark stems; Paradise Rose an alive light pink; Rosalie bright deep rose; Shastabest pure white; Yellow Giant best deep canary yellow; Formula Blend Tr. Pkt. 30¢; 1/8 oz. 65¢; 1/4 oz. \$1.10; 1 oz. \$3.50.

#### ANTIRRHINUM LARGE FLOWERED MAJESTIC Medium tall. An excellent compact type free-flowering with large flowers in exquisite pure colors. 18 ins.

Avalanche snowy masses of pure white blooms; Eldorado rich deep golden yellow; Firedragon brilliant cerise-scarlet merging to gold in center; Purple King clear rich shade of cattleya purple; Autumn Gold apricot buff and old gold; Rosamond pure rose pink Tr. Pkt. 35¢; 1/8 oz. 85¢; 1/4 oz. \$1.45.

#### ANTIRRHINUM DWARF SNAPS

Love Letters Large flowered; 10 to 12 ins tall. Ideal for low colorful mass effects.

Wide color range. Tr. Pkt. 50¢; 1/16 oz. 90¢; 1/8 oz. \$1.70; 1/4 oz. \$3.25.

Magic Carpet Mixed Spreading habit; about 6 ins. high. Excellent for rock garden.

Many bright colors. Tr. Pkt. 35¢; 1/8 oz. 60¢; 1/4 oz. \$1.10; 1 oz. \$3.80.

## **ANTIRRHINUM - FORCING SNAPDRAGON**

**Forcing Snapdragons, except where shown,  
1-2 Tr. Pkt. \$2.25; Tr. Pkt. \$4.00.**

#### WHITE

Margaret Mid-season ivory white; vigorous. Tr. Pkt. \$2.00

Maryland White Hybrid. Mid-season pure white.

Snowman Mid-season pure white.

Spartan White Midseason hybrid clean-growing pure white. Shatter resistant.

Sierra Excellent mid-winter white; long firm stems.

June Bride Pure white for late spring and early fall; single stem culture.

Spartan Summer White A new strong pure white for summer flowering. Shatter resistant.

#### MEDIUM PINK

Anne Marie Late. Clear medium pink.

Flower Girl Mid-season. Long medium pink spikes; clean firm stems.

Pink Ice No. 31 Early bright pink with nearly white lip.

Potomac Pink Summer flowering medium pink.



### LIGHT PINK

Christina Excellent light pink mid-season hybrid

Hercules Light pink for spring. Long spikes.

Mary Ellen Hybrid. Mid-season light pink.

Rebecca New mid-season light pink.

Spanish Lady Mid winter and early spring. Excellent light pink with hard stems and long spikes.

Spartan Summer Pink New vigorous light pink; shatter resistant.

### ROSE

Libby Hybrid. Excellent mid-season dark rose pink.

New Times Hybrid. Early deep rose. Clean firm stems.

Spartan Rose Late hybrid. Medium deep rose; fine long stems. Shatter resistant.

Maryland Flamingo Mid-season bright salmon rose.

Showgirl Late spring and late fall. Medium dark rose. Shatterproof.

### RED

Navajo Early and late spring and fall. Fine all-purpose red.

Cherokee Early and mid-season. True scarlet-red. Long spikes.

Maryland Red Early bright red hybrid. Shatter-resistant.

Priscilla Ann Mid-season wine red hybrid.

### LAVENDER

Maryland Lavender New clear light orchid-lavender hybrid. Medium early.

Lavender Lady Ball Hybrid No. 71 Late deep rosy-lavender.

Esquire Early spring. Bright wine or fuchsia purple.

### YELLOW

Golden Spike Ball Hybrid No. 1 Mid-season rich deep golden yellow.

Gold Rush Mid-season large flowered medium yellow.

Patricia Mid season excellent medium yellow.

War Admiral Excellent early medium yellow.

Doubloon Mid winter and early spring deep golden yellow.

Gold Mine Late winter deep golden yellow, large flowers.

Spartan Gold Vigorous medium yellow for early spring. Long spikes; shatter resistant.

Pan American Summer Yellow New tall vigorous yellow for summer. Very productive, shatterproof.

### BRONZE

Maryland Orange Early mid season orange. 1/2 Tr. Pkt. \$2

Barbara Mid season large flowered bronze with pink throat.

Jubilee Mid-season light golden bronze

**Forcing Snapdragons, except where shown,**

**1-2 Tr. Pkt. \$2.25; Tr. Pkt. \$4.00.**





#### SPRITES F 1 DWARF SNAPDRAGON

SPRITES A fine new dwarf, heavily base branching strain with a host of large blooms in clear colors. Perfect for bedding as the plants do not require staking. 14-18 inches high. Spikes are adequate for cutting despite the dwarf habit.



## ANNUAL ASTERS TALL

Aster Ball Wilt Resistant All-double florist's cutflower asters yielding long stems  
\* under cloth or glass. Normally bloom in mid- or late-August but can be flowered  
under lights earlier or in the spring. Also used for outdoor cutting.

Azure Ball clear light blue; Dark Purple Ball larger, darker blooms than Early  
Purple Ball; Phlox Pink Ball; Pink Ball soft shell pink; Rose Ball silvery rose with  
incurved petals; Scarlet Ball very double, similar in color to Heart of France;  
White Ball; Ball Varieties Mixed. Tr. Pkt. 75¢; 1/8 oz. \$1.25; 1/4 oz. \$2.25;  
1 oz. \$7.50.

Aster Princess Improved Wilt Resistant Ideal both for florist's use and for the

\* home gardener. Flowers have crested center with multiple rows of guard petals.  
Plant is compact and branching, 20 - 24 ins. high. Bloom late August.

Azure Blue; Crimson; Goldilocks early deep yellow; Marsha cinnabar scarlet;  
Mid-Blue; Peach Blossom lavender pink shadings; Rose; Rose Pink; Victoria bright  
scarlet; White; Finest Mixed. Tr. Pkt. 60¢; 1/8 oz. \$1.10; 1/4 oz. \$1.80; 1 oz.  
\$3.80.

Aster Bouquet Type Wilt Resistant Plants upright bearing quilled flowers on long  
\* stems at top of 2 ft. plants. Habit allows entire plant to be cut as one bunch.

Azure Bouquet; Crimson Bouquet; Deep Cream Bouquet; Mid-Blue Bouquet; Peach  
Blossom Bouquet; Purple Bouquet; Rose Bouquet; Rose Pink Bouquet; Scarlet  
Bouquet; White Bouquet. Tr. Pkt. 75¢; 1/8 oz. \$1.40; 1/4 oz. \$2.50

Powderpuffs Bouquet Mixed: Tr. Pkt. 40¢; 1/8 oz. 70¢; 1/4 oz \$1.20; 1 oz. \$4.00

Aster Improved Crego Wilt Resistant (Tall Ostrich Feather) Large feathery full  
double blooms on branching 2 1/2 ft. plants. Blooms mid-August.

\* Azure Blue; Blue Flame bright navy blue; Crimson; Deep Rose bright rose, dark  
stems; Enchantress salmon rose; Shell Pink; Purple; White; Finest Mixed.  
Tr. Pkt. 45¢; 1/4 oz. 80¢; 1 oz. \$2.00

Aster American Branching Wilt Resistant s Plants 2 to 2 1/2 ft. tall, branching.  
Flowers large, double, blooming in late August.

Azure Blue; Crimson; Peerless Pink; Purple; Rose; Mixed. Tr. Pkt. 30¢; 1/4 oz.  
50¢; 1 oz. \$1.75.

Aster Super Giant Wilt Resistant Giant ostrich-feather blooms with long heavy  
non-lateral stems borne on plants 3 feet high. Late summer.

Beverly Hills azure blue; El Monte crimson; Hollywood pure paper white; Pasadena  
peach blossom; Los Angeles shell pink; Santa Barbara dark purple; Mixed  
Tr. Pkt. 40¢; 1/8 oz. 60¢; 1/4 oz \$1.00.

Aster Early Giant Wilt Resistant Giants of California type (curled petals) but flower-  
ing four to six weeks earlier. Plants 18 ins. high, strong stems.

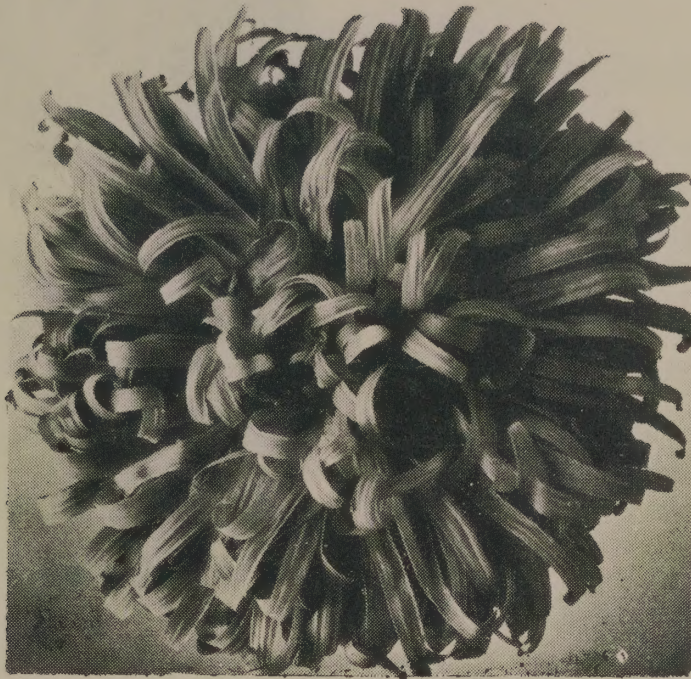
Crimson; Light Blue; Rose Marie deep rose; White; Mixed. Tr. Pkt. 35¢; 1/8 oz.  
60¢; 1/4 oz. \$1.00; 1 oz. \$3.00.

Aster Duchesse Wilt Resistant A cut-flower type with incurved, chrysanthemum-  
like blooms. Market or home garden. 24 to 32 ins. high. Late summer.

Duchesse Bright Rose; Duchesse Dark Blue; Duchesse Delicate Pink; Duchesse  
Yellow; Duchesse Mixed. Tr. Pkt. 75¢; 1/8 oz. \$1.50; 1/4 oz. 2.75.

Aster Pink Lady A new color in florist's asters; glowing salmon pink with long  
incurved petals completely covering center. Mid-season. Tr. Pkt. 75¢; 1/8 oz.  
\$1.35; 1/4 oz. \$2.60.





ASTER IMPROVED CREGO

Aster Heart of France Wilt Resistant Branching 1 1/2 to 2 ft. high. Medium size \*dark red blooms. Tr. Pkt. 35¢; 1/8 oz. 60¢; 1/4 oz. 90¢.

Aster Imbricated Pompon Mixture (Non-resistant) Small rounded blooms on compact plants about 15 inches tall. Tr. Pkt. 40¢; 1/4 oz. \$1.20.

Aster Burpeeana (Non-resistant) Extra early bedding type with fluffy, Crego-type blooms. 18 ins. high. Mixed Tr. Pkt. 35¢; 1/4 oz. 60¢; 1 oz. \$1.75.

Aster Single Rainbow Wilt Resistant Medium size daisy-like blooms in pink, light blue, rose, purple, crimson and white. Fine for cutting. Branching Mixture Tr. Pkt. 25¢; 1/4 oz. 40¢.

Aster Giant California Sunshine (Non-resistant) Yellow-quilled center with single \*row of petals. 3 ft. early September. Mixed Tr. Pkt. 35¢; 1/4 oz. \$1.00

Aster Curlilocks Upright habit, long strong stems. 24 ins. Early. Shaggy blooms. Mixed Tr. Pkt. 40¢; 1/8 oz. 70¢; 1/4 oz. \$1.20; 1 oz. \$3.25.

Aster Unicum Resistant Attractive needle or quill-like rays. A very different type of aster. 18 ins. high. Late August.

Brilliant scarlet; Lilac; Light Blue; Rose Pink; Salmon Pink (Filigran); White; Mixed Tr. Pkt. 45¢; 1/4 oz. 80¢; 1 oz. \$2.75.

## DWARF ANNUAL ASTERS

Dwarf Asters make excellent pot plants and include colors not available in Chrysanthemums. Different types are suitable for flowering at different seasons. They are also excellent for bedding purposes and achieve a more satisfactory ground cover display than the taller types.

Aster Dwarf Queen Wilt Resistant Early flowering; 10 ins. tall. Large double blooms. Crimson; Deep Blue; Deep Scarlet; Light Blue; Rose; White; Mixed Tr. Pkt. 40¢; 1/4 oz. \$1.00; 1 oz. \$3.80.

Aster All Saints Dwarf Very dwarf.

White; Lilac; Light Blue; Crimson; Dark Blue; Deep Rose; Mixed Tr. Pkt. 50¢; 1/8 oz. 90¢; 1/4 oz. \$1.65.

Aster Kirkwell Dwarf About 12 ins. tall.

Pink; Rose; Crimson; Dark Blue; Salmon; Rose; Mixed Tr. Pkt. 50¢; 1/8 oz. 90¢; 1/4 oz. \$1.65.



## CLEOME PINK QUEEN



### MISCELLANEOUS DWARF DOUBLE ASTERS FOR BEDDING

Carmine Carpet 8 ins. carmine; Flashing Light Dwarf compact; double scarlet with yellow center. W. R. ; Gerhart Hauptmann wilt resistant cinnabar red; Ricarda Huch 8 ins. dark red; Thousand Wonders wilt res. 8 ins. vivid rose.  
Above: Tr. Pkt. Tr. Pkt. 50¢; 1/8 oz. 90¢; 1/4 oz \$1.65.

## BALSAM

BALSAM Impatiens balsamina 3200 S

Balsam Double Bush Dwarf More dwarf and compact with large blooms well displayed  
Mixed Tr. Pkt. 50¢; 1/8 oz. 90¢; 1/4 oz. \$1.70.

Balsam Double Bush Flowering Cinnabar; Rose; Scarlet; White and Rose; Mixed  
Tr. Pkt. 35¢; 1/4 oz. 60¢; 1 oz. \$1.90.

Balsam Double Camellia Flowered Mixed Flowers closely set along the stem. 18 ins. Tr. Pkt. 20¢; 1/4 oz. 30¢; 1 oz \$1.00.

## TUBEROUS-ROOTED BEGONIA

Seed sown during January and February will produce flowering plants from July on and a tuber upon maturing in the fall.

Vetterle and Reinelt

Rose Form Tuberous Begonia The ultimate development in the Camellia form some seedlings will still resemble the Double Camellia. Seed grown in the United States by Vetterle and Reinelt is available from December on. 1/2 Tr. Pkt \$2.00; Tr. Pkt. \$4.00  
White; Pink; Rose; American Beauty; Cardinal Red; Scarlet; Dark Red; Yellow; Apricot; Orange; Flame orange; Blush Salmons; Pink Salmons; Light Salmons; Dark Salmons; Mixed

Ruffled Camellia Type Tuberous Begonias (Vetterle and Reinelt) Prices same as above  
White; Pink; Rose; Cardinal Red; Scarlet Red; Dark Red; Yellow; Apricot; Orange; Flame; Blush Salmon; Pink Salmon; Light Salmons; Dark Salmons; Mixed

Rose Form Picotee Tuberous Begonias This type brings the highest proportion of uniformly fine form when grown from seed. Vetterle and Reinelt. Prices same as above.  
Red Shades; Pink-Rose Shades; Salmon Shades; Apricot

Double Hanging Begonia Improved in flower size and range of color. Vetterle & Reinelt  
Prices same as above. White; Pink; Rose; Crimson; Salmon; Yellow; Apricot; Orange; Scarlet; Red Salmon; Mixed

Please Note that all prices on Vetterle and Reinelt begonia seeds are net, not subject to discount



Tuberous Begonia Seed Impoted from West Germany

Double Camellia Tr. Pkt. \$1.40 White; Yellow; Golden Salmon; Salmon; Rose; Scarlet; Dark Red; Orange; Mixed

Double Lloydia (Basket Begonias) Hanging type with masses of small double and semi-double rose-form blooms. Wide color Range. Tr. Pkt. \$1.40

Begonia Rex (Ornamental-leaved) Finest Mixed. Tr. Pkt. (500 S) \$1.50

## FIBROUS-ROOTED BEGONIA

FIBROUS ROOTED BEGONIAS 30,000 S. per 1/32 oz. Extensively used for pot plants and, especially the newer, hardier F 1 hybrid strains, for bedding use. Especially suited for partial shade. Sow Dec.-Jan. for spring bedding sales; in July for mid-winter pot plants.

F 1 Hybrid Strains Dwarf Bronzeleaved Compact. Do not exceed 7 ins. Fertile soil and not too hot a location. Very resistant to weather conditions.

Pink Comet; Red Comet; Rose Comet; White Comet; Galaxy Comet Mixed Originators Trade Packet containing approximately 1000 S. \$1.40

F 1 Hybrid Red Tausendschon very large flowered; color identical to Red Pearl. Tr. Pkt. \$1.75;

F 1 Hybrid Pink Tausendschon very uniform and large flowered. Tr. Pkt \$1.75

F 1 Hybrid White Tausendschon white shaded pink; less resistant to rain. Tr. Pkt. \$2.00

F 1 Hybrid Matador 6 ins. Dazzling scarlet flowers; small green leaves. Very resistant and with long blooming period. Tr. Pkt. \$1.75

F 1 Hybrid Sleeping Beauty 5 ins. Very free-flowering bright carmine. Tr. Pkt. \$1.75

F 1 Hybrid Prima Donna 10 ins. Limpid rose shading to carmine. Tr. Pkt. \$1.40

F 1 Hybrid Lucifer 10 ins. Deep scarlet flowers, black foliage. Tr. Pkt. \$1.75

### Begonia Fibrous Rooted Dwarf Class

Adeline free flowering bright rose pink; Ball Red bright scarlet, medium dwarf; Ball Deep Rose deep rosy red in cool weather, luminous pink in summer; Fireball large scarlet red blooms; red-tinged foliage; Flamingo white with pink edge; Snowbank large flowering pure white dwarf. Each: Tr. Pkt. \$1.25; 1/64 oz. \$3.10

### Begonia Fibrous Rooted Intermediate Class (6 to 10 ins)

Carmen bright rose, bronze leaves; White Pearl white flowers tinged pink; Scandinavia Pink free flowering bright rose pink; Scandinavia Red similar; bright red flowers Above: Tr. Pkt \$1.10; 1/64 oz. \$2.60

### Begonia Fibrous Rooted Tall Class (over 10 ins.)

Paris Market compact strain with strong green to light green foliage. Very large flowers 2- 2 1/2 ins. Very early and free-flowering; non-fading, heat resistant. Brilliant Red; Rose Pink; Pure White Tr. Pkt. \$1.20; 1/64 oz. \$2.60

### Bells of Ireland (Molucella laevis) 3000 S per oz.

2 ft. Popular for arrangements. Stems are closely set with bell-shaped green flower calyces. Tr. Pkt. 25¢; 1/4 oz 50¢; 1 oz. \$1.65.

### BROWALLIA Annuals for bedding and for pots.

Eлата Azure blue; 20 ins. Tr. Pkt. 25¢; 1/8 oz. 60¢; 1/4 oz. \$1.00; 1 oz. \$2.90.

Speciosa Major 110,000 S. 1 1/2 inch blue flowers for winter blooming in pots. 10 ins. Tr. Pkt. 1.00; 1/16 oz. \$2.80; 1/8 oz. \$4.80.

FLOWERING CABBAGE 12,000 S. Under cool, late fall conditions these miniature cabbages show color combinations of white, pink, ivory and light green. Can be potted after low fall temperatures have brought out color. Tr. Pkt. 35¢; 1/4 oz. 75¢; 1 oz. \$2.50.



CACTUS 3000 to 30,000 S. per oz

Sow in well drained soil mixture. Germinate warm. Germination slow and irregular.

Cactus Mixed A good mixture of several types. Tr. Pkt. 50¢; 1/8 oz. \$1.00; 1/4 oz. \$1.80; 1 oz. \$5.80

## CALCEOLARIA

CALCEOLARIA 600,000 S. Pot culture. Sow fine seed on surface of loose, sterilized medium. Water only when needed.

Calceolaria Claudia Dwarf Tigered Hybrids. Vigorous yet compact ten inch plants bear a profusion of large flowers in a color range from white, pale yellow, gold, orange and rose to cherry red and scarlet; purple or carmine veining.

Tr. Pkt. \$1.75; 1/64 oz. \$3.20

Calceolaria Grandiflora Mixed Bright mixture of all colors. Large flowers mostly tigered or spotted. 15 ins. Tr. Pkt. \$1.20; 1/64 oz. \$2.60.

Calceolaria Multiflora Nana Mixed Very floriferous. Robust plants 8 ins high. Bright colors. Tr. Pkt. \$1.75; 1/128 oz. \$3.25; 1/64 oz. \$6.20.

## CALENDULA

CALENDULA 3000 S. per oz. For forcing space 12 x 12 and grow cool. disbud for top size.

Calendula Greenhouse Varieties

Ball Gold; Ball Orange; Ball Lemon Tr. Pkt. 25¢; 1/4 oz. 50¢; 1 oz. \$1.60

Calendula Pacific Beauty Larger flowers, longer stems and more heat resostant for outdoor bedding use. Tr. Pkt. Flame Beauty clear deep orange; Lemon Beauty; Persimmon Beauty persimmon orange; Pacific Beauty Mixed Tr. Pkt. 30¢; 1/4 oz. 50¢; 1 oz. \$1.80.

CANDYTUFT Annual Giant White Hyacinth Flowered 10,000 S. As greenhouse cut flower sow late fall for early spring cutting. Cool house.

Iceberg 1 ft. Six spikes are the general rule. Very large individual florets. Tr. Pkt. 40¢; 1/2 oz. 75¢; 1 oz. \$1.25

CANNA Crozy's Hybrids Mixed 100 S. If sown in January will usually bloom first year. Soak seed. 100 Seeds \$1.40

CALLA Zantedeschia Greenhouse or outdoor in mild climates

Ruhm von Ronsdorf 100 Seeds \$4.00; 1000 Seeds \$27.50

California Poppy - See Escholtzia

## CARNATIONS

Chabaud Giant Improved 14,000 S. Bloom in 5 months from time seed is sown and continue through the summer. 95% double. Popular bedding plants. 20 ins.

Cardinal Red; Deep Salmon; Flesh; Orange Sherbet; Yellow; White; Imperial Mixture of Multicolor sorts; Regular Mixture. Tr. Pkt. 35¢; 1/8 oz. 60¢; 1/4 oz. \$1.00

Carnation Potting Strain Mixed 12 ins. high; ecellent for for pots or for borders. Very even habit. Tr. Pkt. 50¢; 1/8 oz. 75¢; 1/4 oz. \$1.25

Carnation Enfant de Nice More dwarf than Chabaud (14 ins.) Very large double blooms. Salmon Pink; Rose; Ruby Red; White; Yellow; Mixed Tr. Pkt. 45¢; 1/8 oz. 65¢; 1/4 oz. \$1.10; 1 oz. \$3.80

Carnation Margaret Double Dwarfier than Chabaud; an abundance of double flowers on good stems.

Regular Mixed Tr. Pkt. 35¢; 1/8 oz. 60¢; 1/4 oz. \$1.00; 1 oz. \$3.20

Baby Choice Mixed Very dwarf and compact; about 10 ins. Tr. Pkt. 60¢; 1/8 oz. \$1.00; 1/4 oz. \$1.60.



## CELOSIA

CELOSIA PLUMOSA TALL 28,000 S. Sow about 6 weeks before sale time as bedding plants. Grow warm.

Forest Fire Improved 2 1/2 ft. Brilliant scarlet plumes and bronze-red foliage. Tr. Pkt. 45¢; 1/4 oz. \$1.35; 1 oz. \$4.20.

Thompsoni Magnifica 2 1/2 ft. Various shades of red, golds and yellows. Tr. Pkt. 30¢; 1/4 oz 55¢; 1 oz. \$1.80.

CELOSIA PLUMOSA DWARF Dwarf Feather 12 ins. Strong colors for bedding or for combinations.

Fiery Feather fiery red; Golden Feather golden yellow Either: Tr. Pkt. 25¢; 1/8 oz 45¢; 1/4 oz. 75¢

Orange Feather (New) Shining orange darkening with age. Tr. Pkt. 35¢; 1/8 oz. 65¢; 1/4 oz. \$1.20.

Feather Mixed Tr. Pkt. 30¢; 1/8 oz. 50¢; 1/4 oz. 90¢; 1 oz. \$2.90

CELOSIA CRISTATA Cockscomb Taller varieties may be cut fresh or dried; dwarf varieties are suitable for borders.

Rose Beauty The huge combs, borne on even, dwarf plants, are bright deep rose. Uniform habit. Tr. Pkt. 50¢; 1/8 oz. 90¢; 1/4 oz. \$1.60; 1 oz \$5.00

Toreador 18 ins. pure scarlet combs up to 10 ins acrosss bright green foliage.

Tr. Pkt. 30¢; 1/8 oz. 50¢; 1/4 oz. 80¢; 1 oz. \$2.50.

Jewel Box Dwarf A reselected strain of the extra dwarf Coxcomb mixture. Very even  
\* in habit and in type of comb. Color range includes orange, salmon, bronze, deep red, gold, creamy-white, pink, rose carmine and bicolors. Originator's packets of approximately 200 seeds 75¢; 1/16 oz. \$1.50.

## CENTAUREA

Centaurea Cyanus Dwarf 6800 S. Greenhouse cutting in spring and for bedding outside

Blue Boy; Red Boy; Pinkie rose pink; Snowman pure white ; Mixed Tr. Pkt. 20¢; 1 oz 50¢; 4 ozs. \$1.80.

Polka Dot Mixed A new strain of uniform height, 15-17 ins. high, and neat habit.

Tr. Pkt. 30¢; 1/4 oz. 50¢; 1 oz. \$1.50.

Centaurea candidissima Dusty Miller 6 ins. Slow growing; start early. Tr. Pkt. 55¢;  
\* 1/8 oz. 90¢

Centaurea gymnocarpa 2 ft. fern-leaved Also called Dusty Miller; silvery foliage.

Tr. Pkt. 20¢; 1/4 oz. 35¢; 1 oz. \$1.10.

Christmas Cherry (Solanum pseudo-capsicum) 12,000 S. Sow February; carry over summer outside.

Christmas Cherry. Uniform bushy strain; large round red fruit

Patterson Christmas Cherry Scarlet More dwarf and compact

Patterson Christmas Cherry Gold Similar, mature fruits gold

Red Boy Compact; scarlet fruits freely borne

Above: Tr. Pkt. 40¢; 1/8 oz. 65¢; 1/4 oz. \$1.20; 1 oz. \$3.60

CHRISTMAS PEPPER (Capsicum) Sow April to July for mid-winter holidays. Best carried over summer under glass. 9,000 S.

Christmas Pepper Cone shaped fruits first green later turning purple, then red; compact plants. Tr. Pkt. 40¢; 1/8 oz. 70¢; 1/4 oz. \$1.25; 1 oz \$4.00

Craigii Christmas Pepper (Candle Pepper) Small-leaved; compact. Small fruits freely borne. Fruit turns white and purplish, then red. Price same as above.



CHRYSANTHEMUM JAPONICUM Greenhouse cut flower varieties including large mums, pompoms, anemones and spider types. Seed sown by March will bloom in fall and early winter of first year. Best specimens can be propagated from cuttings.

All Types Mixed 100 Seeds 90¢; 1000 Seeds \$7.20

Early Flowering Double Mixed Starts flowering in August, mostly full double, some semi-double and a few single in a wide range of colors. Tr. Pkt. 100 S. 75¢; 500 seeds \$2.80; 1000 seeds \$4.25

Chrysanthemum carinatum 9000 S. 2 feet

Single Merry Mixture Very wide color range. Tr. Pkt. 25¢; 1/4 oz. 40¢; 1 oz. \$1.25

## CINERARIA

CINERARIA 150,000 S. Popular bright pot plants for winter and spring sale. Sow from June on for Christmas through Easter sales in 5 and 6 inch pots.

Cremers Prize Strain Very large heads of medium size flowers.

Siter's Rainbow Strain Extra large heads of medium large flowers mostly white-eyed. Wide color range.

Multiflora Nana Gold Center Medium small solid color flowers with golden anthers. Good shipper; compact.

Above 3: Tr. Pkt. \$1.00; 1/64 oz. \$2.00; 1/32 oz \$3.50.

Prize Exhibition Strain Mixed Large solid-petaled flowers on robust but compact plants; magnificent color range. Tr. Pkt. \$1.25; 1/64 oz. \$2.25.

Erfurt Dwarf Matador Only 8 in. tall and 10 to 12 ins. in diameter for small pots. Deep copper-scarlet.

Erfurt Dwarf Pandora Similar in habit to Matador; rosy-red.

Erfurt Dwarf Palette New. Large flowers, large bouquets, small leaves, small plants Exceedingly rich color range.

Above 3: Tr. Pkt \$2.00; 1/64 oz. \$3.60; 1/32 oz \$6.50.

Cineraria maritima (Dusty Miller) 85,000 S.

Candidissima Diamond 10 ins., white foliage. Tr. Pkt. 20¢; 1/4 oz. 60¢; 1 oz. \$1.80.

Candidissima Candicans 8 ins. Silvery white, deeply cut foliage. Tr. Pkt. 50¢; 1/8 oz. 90¢; 1/4 oz. \$1.50.

CLARKIA elegans 90,000 S. Spring cut flowers. Sow January.

Double Mixed 20 ins. Tr. Pkt. 20¢; 1/8 oz. 35¢; 1/4 oz. 60¢; 1 oz. \$1.80.

CLEOME spinosa (Spider Plant) Rapidly growing annuals with showy blooms useful as annual hedge or for background planting. 3-4 ft. 12,500 S.

Helen Campbell Pure white flowers.

Pink Queen Similar but with rose-pink flowers. These 2: Tr. Pkt. 20¢; 1/4 oz. 35¢; 1 oz. \$1.00.

Rose Giant Spectacular plants; large racemes pf brilliant rose. Tr. Pkt. 30¢; 1/4 oz 80¢; 1 oz. \$2.50.

CINERARIA  
LARGE FLOWERED







## COLEUS

COLEUS 92,500 S. per oz. Popular for combinations and as bedding plants in shaded locations. We offer carefully grown seed produced under glass and of highest quality. Master Blend Rainbow Carefully blended from only the best and brightest separate colors.

Rainbow White Green Edge Creamy white edged with dark green.

Rainbow Color Pride Bright amaranth red margined green mottled with bronzy red.

Rainbow Gold Dust Light green dusted golden yellow. Very showy.

Rainbow Pink Sensation Salmon pink with narrow light green edge.

Rainbow Red Velvet Brilliant blood red.

Above: 1/2 Tr. Pkt. 75¢; Tr. Pkt. \$1.35; 1/64 oz. \$2.40; 1/32 oz. \$4.00; 1/16 oz. \$7.50.

Rainbow Autumn Glow Bronzy orange shades edged with spotted green. Very showy.

Rustic Splendor A new dwarf bushy Coleus. Color scarlet-rust edged with amber.

Very fine for bedding use.

Above 2: 1/2 Tr. Pkt. \$1.25; Tr. Pkt. \$2.25; 1/64 oz. \$4.00.

Large Leaved Extra Select Formula Mixed Tr. Pkt. \$1.00; 1/32 oz. \$2.00; 1/16 oz. \$3.75.

## CONVOLVULUS 1400 S.

Royal Marine Carpet-like growth with a profusion of royal blue flowers. Tr. Pkt. 20¢ 1/4 oz. 35¢; 1 oz. \$1.00.

## ORNAMENTAL CORN 85 S.

Harlequin Striped foliage and multicolor ears. 4 ft.

Strawberry Corn Small dark red ears. 3 ft. Either: 1 oz. 35¢ 4 ozs. \$1.20

## COSMOS Cut flowers.

Sensation Mixed 5600 S. 3 ft. Early, very large flowers. Sensation Radiance deep rose overlain with rich crimson zone; Sensation Dazzler Crimson; Sensation Pinkie clear rose pink; Sensation Purity white. Tr. Pkt. 25¢; 1/4 oz. 40¢; 1 oz. \$1.20

Early Klondyke Fiesta 2800 S. Yellow, striped orange. Tr. Pkt. 25¢; 1/4 oz. 40¢

CROSSANDRA undulifolia A fine pot plant with glossy foliage and overlapping salmon-orange florets. 7-8 months to bloom; warm house. 25 Seeds \$1.00; 100 S. \$3.00.





Cyclamen

CUPHEA 7000 S. Easily grown bedding plants.

Firefly Scarlet flowers; 1 ft. Tr. Pkt. 35¢; 1/8 oz. 65¢; 1/4 oz. \$1.20.

## CYCLAMEN

CYCLAMEN (Evelen n's Strain) One of the world's best known strains and winner of many awards. For large Christmas plants sow about July 1 the year before.

Bonfire (Vuurbaak, Firebeacon) brilliant scarlet-salmon; Carmine Salmoneum (America) fiery salmon; Perle of Zehlendorf dark salmon-pink; Rose of Zehlendorf light salmon-pink; Rose of Aalsmeer bright salmon shaded pink; Rose of Marienthal lilac shaded pink; Cattleya lilac; Salmoneum oculatum soft pink, carmine eye; Pure Giant White large flowers; White Carmine Eye; Dark Red dark blood red; Glowing Bright Red striking unique color; Light Red lighter in color than bright red; Sylphide fine bright lilac sport from Pure White; same sturdy plant habit. Reinrosa (Mozart) fuchsia-red Lavender strong dwarf habit. Mixed.

Above: \$15.00 per 1000 Seeds; \$1.85 per 100 applying where total is less than 500S.

Ruffled Salmon; Ruffled White; Ruffled Bright Red same prices.

Double-Flowering Cyclamen (6-10 petals) This strain generally flowers somewhat less abundantly; this is compensated by the enormous size of the individual blooms.

Double Vermillion color of Bonfire; Double Bright Salmon; Double Light Salmon-pink;

Above 3: \$25.00 per 1000 S.; \$2.85 per 100 applying where total is less than 500 S.

CYPERUS Umbrella Plant 410,000 S. Foliage plant for indoor planters.

alternifolius Tr. Pkt. 40¢; 1/8 oz. 75¢

## DAHLIA

2800 S. per oz. All types flower first season from an early sowing. Tubers can be saved from the choicest plants.

Unwin's Daarf Hybrids Semi-double, free-flowering, 24 ins. Tr, Pkt. 25¢; 1/4 oz. 60¢; 1 oz. \$1.90

Fall Festival red leaved glossy foliage; shades of crimson, red and orange. 3 ft. Tr. Pkt. 30¢; 1/4 oz. 70¢; 1 oz. \$2.20.

Coltness Mixture Single mixture; free blooming. 1 1/2 ft. Tr. Pkt. 30¢; 1/4 oz. 70¢; 1 oz. \$2.20.

Double Giant Decorative Hybrids Must be sown early. 3 - 4 ft. About 50% giant double blooms. Tr. Pkt. 100 S. 60¢; 1/16 oz. \$1.00; 1/8 oz. \$1.75; 1/4 oz. \$3.00.



## DIANTHUS

DIANTHUS ANNUAL TYPES 23,100 S. Very showy, long-blooming subjects for bedding.

\* Dianthus Bravo All America Award 1962. Plants grow only 8 ins. high, are upright and compact in habit and produce a continuous supply of brilliant scarlet-red flowers from mid-summer to frost. Tr. Pkt. (1/16 oz.) \$1.60; 1/8 oz. \$3.00; 1/4 oz. \$4.75; 1 oz. \$14.50.

\* Dianthus Heddewigi Double Fireball Strongly double, deep scarlet red. Plants 10 to 12 ins. high, free-flowering.

\* Dianthus Heddewigi Double Snowball Smimilar, pure white. These two: Tr. Pkt. 50¢; 1/8 oz. 99¢

\* Dianthus Heddewigi Double Gaiety 10 to 12 ins. fringed petals "Carnations shades" mixed. Tr. Pkt. 40¢; 1/8 oz. 75¢

\* Dianthus Sweet Wivelsfield Mixed Remarkable free flowering and fragrant with large clusters of zoned and edged blooms in white, pink, rose, scarlet, crimson, flesh, and salmon. Tr. Pkt. 40¢; 1/8 oz. 75¢

DIDISCUS Good garden plants with long stems and dense flower heads 2 " across.

coeruleus Blue Lace Flower 10,300 S. 2 1/2 ft. Tr. Pkt. 30¢; 1/8 oz. 50¢; 1/4 oz. 90¢

DIMORPHOTHECA Cape Marigold 9500 S Bedding plants 8 ins.

Aurantiaca Mixed Orange, yellow, salmon, white daisies; Tr. Pkt 25¢; 1/4 oz. 50¢

Golden West; Orange Improved; Salmon Beauty White Beauty, 1 ft. Tr. Pkt. 35¢; 1/4 oz. 90¢

DRACAENA Stiff-leaved foliage plants widely used in plnnters, cemeteries or as indoor pot plants for accent. Seeds are often slow and irregular in germination.

Indivisa sessile, tough, narrow leaves. Clean seed: (10,000 per oz.) Tr. Pkt. 35¢; 1/8 oz. 60¢; 1/4 oz. 90¢; 1 oz. \$2.80

Draco Dense clusters of tough, sword-shaped leaves; drought resistant. Not winter hardy. 100 Seeds \$3.00; 1000 Seeds \$24.00

EUPHORBIA Spurge

Variegata Snow-on-the-mountain 2500 S. 2 ft. Green leaves, white edges. Tr. Pkt. 25¢; 1 oz. 80¢; 4 ozs. \$2.40.

Heterophylla Summer Poinsettia 5000 S. 3 ft. Upper leaves red-blotched. Tr. Pkt. 30¢; 1/4 oz. 90¢; 1 oz. \$2.75

EXACUM 30,000 S. per 1/32 oz. Summer pot plant. Sow Dec. for summer sale.

affine fragrant violet-blue sweet scented flowers. 9 uns. high. Tr. Pkt. \$1.00; 1/128 oz. \$2.00; 1/64 oz. \$3.60.

affine Dark Lavender Tr. Pkt. \$1.50; 1/128 oz. \$2.75.



DAHLIA UNWIN'S DWARF





## Gloxinia

ESCHSCHOLTZIA California Poppy 15,000 S. Outddor bedding subjects. Drought and heat resistant.

Mission Bells double andsemi-double flowers in wide range of colors, including two-tone combinations. Dwarf compact plants. 6 ins. Tr. Pkt. 25¢; 1/4 oz. 50¢; 1 oz. \$1.50.

FREESIA Tender perennial bulb 3,000 S. per oz. The renewed interest in Freesia for winter cutting is due to the fine seed strains available. Sowing seed eliminates bulb borne mosaic. Sow in early spring for blooms following winter.

Super Giant Choice Mixed Huge blooms in variations of red, orange, yellow, lavender blue and white. Very Fragrant. Long stems and good lasting quality. Tr. Pkt. 75¢; 1/8 oz \$1.45; 1/4 oz \$2.60; 1 oz. \$8.00

FUCHSIA germination of Fuchsia seed is sometimes difficult and rarely exceeds 20%

Superlative Mixture From crosses between plants having American Fuchsia Society A or B ratings only, including pastels. 100 S. \$1.00; 500 S. \$4.50

FERN SPORES HOUSE TYPE Ferns are not particularly difficult to grow from the fine spores on sterilized soil or on an upside-down clay pot immersed in a nutrient solution.

Mixed Includes a number of the best house types. Tr. Pkt. \$1.00

Adiantum Fritz Luethi An improved, dense-leaved, sturdy form of this popular fern, Excellent for pots and arrangements. Originator's Packet \$1.50.

GAILLARDIA picta 11,000 S. For summer borders and for cutting.

Gaiety Double Mixed shades of yellow, orange, red and maroon, mostly bicolors. 2 f

Indian Chief single bronzy red.

Fiesta Tetra double blood red, yellow border  
Tr. Pkt. 25¢; 1/4 oz 45¢; 1 oz. \$1.50

GERANIUM (Pelargonium zonale and inquinans) 6200 S. About 7 months to bloom from seed

Choice Mixed Shades of red, pink, salmon, white. Tr. Pkt. 50¢; 1/8 oz. 85¢; 1/4 oz \$1.25; 1 oz. \$3.80.

GERBERA Transvaal Daisy 8000 S. Cutting, indoors during winter, outside in summer;

hardy in frost-free areas. Dust seed with chlordan; sow on top of seed bed covering as lightly as possible with peat or similar material. Hold only slightly moist for first 4 days and give heavy moisture thereafter.

Giant Hybrids Mixed A superoor strain of good vitality developed recently on the Pacific Coast, containing single and double flowers with a greatly improved color range especially in the desirable light shades. Tr. Pkt. 125 S. 75¢; 1/8 oz. 1000 seeds \$4.80.



GESNERIA 550,000 S Sow late winter for Christmas holiday sales as pot plant.

macrantha Suggests a gloxinia but with a central stem bearing showy tubular scarlet flowers. Tr. Pkt. \$1.00

hybrida robusta (Naegelia zebrina Success) Fiery vermillion long, bell-shaped flower with golden gullet with red dots. Compact showy grouping. Dark green marbled leaf Tr. Pkt. \$1.50.

GLOXINIA 25,000 S. per 1/32 oz. Sow without covering; mist. 70 degrees. Six months to bloom from seed.

Eveleen's Flexible-Leaved Strain Easier to pack. Velvet Redfringed edges; Rose; Giant White; Dark Lilac. Mixed. Tr. Pkt. (approximately 1000 S) \$1.75.

GODETIA 45,000 S. Very showy annuals for bedding in areas where summer heat is not excessive. Grow rapidly and come into bloom quickly. Dwarf class varies from 9 to 1 inches in height, semi-dwarf about 15 inches.

Dwarf single Crimson Glow intense dazzling crimson; Dwarf Single Sunset, rosy-crimson; Dwarf Single Duchess of Albany pure white. Semi-Dwarf Duke of York satiny-scarlet; Semi-Dwarf Kelvedon Glory glowing salmon-orange; Semi-Dwarf Sybil Sherwood bright salmon pink. Dwarf and Semi-Dwarf Single Mixed Each: Tr. Pkt. 35¢; 1/8 oz. 1/8 oz. 60¢; 1 oz. \$3.20.

Azalea Flowered Double 16 ins. 90,000 S. Brilliant carmine rose; Cattleya lilac; Cornelia delicate rose; Kelvedon Glory salmon orange; Maiden's Blush bright rose; Rembrandt rose, purple blotches; Ruddigore crimson; Sybil Sherwood salmon-pink; Sweetheart pale rose; White Bouquet; Azalea Flowered Double Mixed. Tr. Pkt. 35¢; 1/8 oz. 60¢; 1/4 oz. \$1.00; 1 oz. \$3.20.

GOMPHRENA Globe Amaranth 10,000 S. An everlasting flower that gives a show of clover-like blooms in the garden and is useful for winter bouquets.

Globosa Dwarf Buddy Uniform ball shaped plants 6" high. Purple blooms; Cissy similar pure white blooms; Mixed. Tr. Pkt. 30¢; 1/4 oz. 50¢; 1 oz. \$1.60

ORNAMENTAL GOURDS Grown on fence, trellis, etc. Fruits when properly dried and varnished last indefinitely. Large-fruited types run about 150 S. per oz.; small-fruited about 500.

Small fruited Warted Mixed; Small fruited Aladin turban with stripes; Bicolor pear shaped yellow and green; Small fruited Crown of Thorns; Miniature striped orange and green Above: Tr. Pkt 25¢; 1 oz. 85¢; 4 ozs. \$2.50.

Large Fruited Varieties Mixed Tr. Pkt. 25¢; 1 oz. 85¢; 4 ozs. \$2.50.

#### ORNAMENTAL GRASSES

Agrostis nebulosa Ornamental grass 16 ins. Tr. Pkt 35¢; 1/8 oz 60¢; 1 oz. \$4.20

Briza maxima 16 ins. Tr. Pkt. 25¢; 1/4 oz. 40¢; 1 oz. \$1.20

Coix lacryma (Job's Tears) Tr. Pkt. 25¢; 1/4 oz. 40¢; 1 oz. \$1.20

Cortaderia selloana Tr. Pkt. 35¢; 1/4 oz 60¢; 1 oz. \$1.80

Stipa pennata Feather Grass Tr. Pkt. 50¢; 1/8 oz. 80¢; 1/4 oz. \$1.50

GYPSOPHILA elegans 24,000 S. May be grown outdoors or under glass for cutting. 3 months to bloom.

Covent Garden Market Reselected 2 ft. finest giant florist white. 1 oz. 30¢; 4 ozs. 70¢; 1 lb. \$2.40

HELIOTROPE 50,000 S. Warm rich soil.

Marine Deep violet; large flower heads. Tr. Pkt. 60¢; 1/16 oz. \$1.10.

Dwarf Regal Mixed 15 ins. Extra large lavender heads. Tr. Pkt. 35¢; 1/8 oz. 60¢ 1/4 oz. 90¢





GODETIA



HELICHRYSUM

HIPPEASTRUM (Amaryllis) 1,850 S. per oz. Huge showy flowers produced from bulbs. Easily grown from seed but takes 2-3 years to bloom.

Man-from-Mars New. Huge flowers up to 8" in diameter. Shades of brilliant pure red. For indoor culture or in the garden. 25 S. \$1.00; 100 S. \$3.00.

HELICHRYSUM monstrosum (Strawflower) 35,000 S. Best known everlasting flower with stiff petaled very double blooms 2 1/2 inches across in a wide color range.

\* Choice Mixed Tr. Pkt. 50¢ 1/4 oz. 70¢; 1 oz. \$2.20

Tetraploid Double Mixed A new strain with flowers that are larger and more double than ordinary strains. 4 ft. Tr. Pkt. 60¢; 1/4 oz. 85¢; 1 oz. \$2.50

Double Dwarf Mixed Plants about half the height but with blooms full size. Tr. Pkt. 50¢; 1/4 oz. 70¢; 1 oz. \$2.20.

Coppery Yellow; Fiery Red; White; Yellow Tr. Pkt. 60¢; 1/4 oz. 85¢; 1 oz. \$2.50

## IMPATIENS

Dwarf F 1 Hybrids Very tree flowering.

Pink Sprite; Pixie White; Red Jewel; Royal Jewel; Salmon Jewel; F - 1 Mixture. Each: Tr. Pkt. \$1.35; 1/128 oz. \$2.50; 1/64 oz. \$4.00; 1/32 oz \$7.50.

IMPATIENS (Impatiens holstii and sultanii hybrids) "Sultana" 60,000 S. As bedding plants very useful for shaded locations where they will continue to bloom until frost.

Dwarf Carmine Baby; Dwarf Pink Baby bright pink green leaved; Dwarf Orange Baby Bright orange, very uniform; Dwarf Scarlet Baby brilliant scarlet with bronzy green leaves and dark stems; Formula Mixture of Baby Varieties; Symphony white 8 ins.

Above: Tr. Pkt. 75¢; 1/64 oz. \$1.25; 1/32 oz. \$2.20; 1/16 oz. \$4.00; 1/8 oz. \$6.50

Tall Holsti Mixture 12-15 ins. Lilac, purple, carmine, salmon, pink. Tr. Pkt. 45¢; 1/16 oz. \$1.00; 1/8 oz. \$1.80

IPOMOEA Morning Glory 650 S. and Moonflower 110 S. Start 4 weeks before selling time in small pots or bands.

Heavenly Blue (Clarke's Earliest) 1/4 oz. 20¢; 1 oz. 60¢

Pearly Gates clear white, cream throat. 1/4 oz. 25¢; 1 oz. 80¢

Scarlet O'Hara Improved climbing strain Crimson-scarlet. 1/4 oz. 30¢; 1 oz. \$1.00

White Moonflower night blooming. 1/4 oz. 35¢; 1 oz. \$1.20

KALANCHOE Increasing popular for pot plants because of showiness and resistance to conditions in the home. About 1 year to bloom. May be forced to bloom for Christmas by shading 4 weeks starting Sept. 1 2,500,000 S.

Tom Thumb 8 ins. Compact plants covered with small scarlet flowers. Tr. Pkt. 85¢; 1/128 oz. \$2.80

Vulcan Flowers larger and brighter; sturdier plant growth. Tr. Pkt. \$1/ 20; 1/128 oz \$3.50

Yellow Tom Thumb 80% yellow blooming seedlings. Tr. Pkt. \$2.00; 1/128 oz. \$6.00



KOCHIA Summer Cypress 30,800 S. Neat compact plants 2 to 3 ft. high with bright \* green needle-like foliage resembling a clipped hedge. In fall plant turns red.

Tr. Pkt. 40¢; 1/4 oz. \$1.00; 1 oz. \$1.75

LANTANA 1300 S. Good for bedding especially in areas of excessively high summer temperatures. Sow early for bedding plant sales. Bottom heat.

Bruant's Dwarf Hybrids 15 ins. All colors. Tr. Pkt. 25¢; 1/8 oz. 40¢; 1/4 oz. 75¢

LARKSPUR 8,000 S. Sept. to Jan. sowing for spring blooms under glass. 50 degrees \* night temperature. For outdoor cutting start early as possible. Germination is best at relatively low temperatures. The Regals retain desirable height and base-branching habit of the Giant Imperials but have Delphinium-like florets on long thick spikes.

Regal Brilliant Rose strong deep rose; Regal Dark Blue very deep violet; Regal Deep Carmine; Regal Light Blue finest mid-blue; Regal Lilac pure clear lilac; Regal Pink brilliant pink on salmon; Regal White; Regal Mixed; Salmon Supreme true salmon

Tr. Pkt. 50¢; 1/4 oz. 90¢; 1 oz. \$1.80; 4 ozs. \$5.50

LINARIA marocanna Baby Snapdragon 428,000 S. The Linarias bloom heavily but for a limited time, making successive sowings desirable.

Linaria Northern Lights Bright mixture. 15 ins. Tr. Pkt 20¢; 1/8 oz. 35¢; 1/4 oz. 60¢; 1 oz. \$1.00

Linaria Fairy Bouquet 8 to 10 ins. compact. Color range includes many bi-colors.

Tr. Pkt. 20¢; 1/8 oz. 35¢; 1/4 oz. 60¢; 1 oz. \$1.00

LOBELIA erinus Compact types are fine edging plants and offer outstanding blues.

The trailing types are suitable for rock gardens or for hanging pots, baskets or boxes. 910,000 S.

Blue Stone Large flowered mid-blue; Cambridge Blue Light blue, large flowered, green foliage; Crystal Palace dark blue, dark foliage; Emperor William deep violet-blue with green foliage; Mrs. Clibran Deep blue, white eye, light foliage; Rosamond Deep carmine-red with white eye; White Lady pure white. Tr. Pkt. 35¢; 1/8 oz. 60¢; 1/4 oz. \$1.00; 1 oz. \$3.00.

Trailing Sapphire Sapphire blue, white eye; Trailing Hamburgia Deep blue, white eye, dark foliage; Trailing Hamburgia Snow Queen Pure white Tr. Pkt. 35¢; 1/8 oz. 60¢; 1/4 oz. \$1.00; 1 oz. \$3.00.

ANNUAL LUPINE L. Hartwegi 1300 S. Sow January for spring cut-flowers (May)

Hartwegii Mixed Shades of blue, violet, white. 1/4 oz. 20¢; 1 oz. 60¢

MESEMBRYANTHEMUM 100,000 S. Showy plants for a dry site.

Criniflorum Livingston Daisy Spreading growth habit. 1" daisies in a wide selection of colors cover the plants. 6". Tr. Pkt. 25¢; 1/8 oz. 40¢; 1/4 oz. 65¢; 1 oz. \$1.00

MIGNONETTE 25,000 S. Fragrant plants forced for spring cutting. Sow in January.

Machet Improved Dwarf habit with enormous broad spikes. Tr. Pkt. 20¢; 1/4 oz. 30¢; 1 oz. 90¢

MIMOSA 4500 S. As a pot plant interesting because of the motion of the leaves in response to touch.

Pudica Tr. Pkt. 25¢; 1/4 oz. 50¢; 1 oz. \$1.50

MIMULUS (Queen's Prize, Monk eyflower) 644,000 S Bedding

Tigrinus Grandiflorus 12 ins. Snapdragon-like blooms in mixed colors. Tr. Pkt. 25¢; 1/8 oz. 60¢

Tigrinus Bonfire Fiery orange-red with coppery throat; large flowering. Originator's Packet \$1.25





## MARIGOLD TAGETES GNOME

### MARIGOLD

DWARF MARIGOLDS 10,000 S. Very popular and easy bedding plants. Sow 8-10 weeks before selling season for blooming plants in flats.

#### Extra Dwarf Types (6 to 8") Double

Petite Orange; Petite Gold; Petite Harmony; Petite Yellow; Petite Mixed; Butterball butter yellow; Brownie Scout (Helen Chapman) gold with red touch at base of petals; Lemondrop full double canary yellow, compact; Spry yellow bordered mahogany; Sunkist orange. Tr. Pkt. 30¢; 1/4 oz. 55¢; 1 oz. \$1.60.

#### Dwarf Double Types (12" to 14")

Color Magic large flowers variegated yellow, gold and mahogany; Rusty Red (Fandango) huge deep red blooms; Tangerine orange companion to Fandango; Harmony early golden yellow bordered maroon red; Harmony Hybrids all colors. Tr. Pkt. 25¢; 1/4 oz. 45¢; 1 oz. \$1.40.

#### Dwarf Single Types

Dainty Marietta Similar in size of bloom and markings to Naughty Marietta but only half as tall. 6". Naughty Marietta 2" to 2 1/2 " yellow blooms with mahogany base. Above 2: Tr. Pkt. 25¢; 1/4 oz. 45¢; 1 oz. \$1.40.

#### Dwarf Double African Types

Spun Gold 12 ins. Compact rounded plants covered with 3 inch golden yellow blooms Tr. Pkt. 1/16 oz. 60¢; 1/8 oz. \$1.00; 1/4 oz. \$1.80; 1 oz. \$6.00.

Cupid Yellow Lemon yellow flowers 2 1/2 to 3 " in diameter cover the 8" compact plants; Cupid Golden light gold; Cupid Orange Rich orange; Cupid Mixed Tr. Pkt. 50¢; 1/8 oz. 85¢; 1/4 oz \$1.50; 1 oz. \$4.80.

Pot O'Gold deep golden orange. Tr. Pkt. 35¢; 1/4 oz. 75¢; 1 oz. \$2.20.

### TALL (AFRICAN) MARIGOLDS 6,000 to 9,400 S.

Gigantea Crackerjack Mixed Early, compact, strongly double and free flowering. Orange, gold, canary, primrose. Tr. Pkt. 35¢; 1/4 oz. 75¢; 1 oz. \$2.20.

Carnation Flowered Loosely petaled flowers 3" or more across on 2 to 2 1/2 ft. plants.

Guinea Gold pure orange; Yellow Supreme creamy yellow; Real Gold golden orange, very large blooms. Tr. Pkt. 30¢; 1/4 oz. 65¢; 1 oz. \$1.60

Chrysanthemum Flowered Compact plants with petals tightly incurved. 2 1/2 to 3 ft.; blooms 2 1/2 to 3 1/2 " across.

Golden Mum; Orange Mum; Primrose Mum; Yellow (Mammoth) Mum Mammoth Mum Mixed. Goldsmith golden orange; Yellowstone clear golden yellow. Tr. Pkt. 30¢; 1/4 oz. 65¢; 1 oz. \$1.60.

Climax F 1 Hybrids Largest of all marigolds, up to 5 " across on 2 ft. tall plants.

Toreador golden orange; Golden Climax; Yellow Climax. Tr. Pkt 200 S. \$2.50; 1/16 oz. 500 S. \$4.50; 1/8 oz. \$7.75; 1/4 oz. \$14.00.

#### African Tall Double (Fistulosa)

Lemon All Double; Orange All Double Each: Tr. Pkt. 30¢; 1/4 oz. 65¢; 1 oz. \$1.60.

Primrose All Double (new) delightful pale primrose color; very large fully double flowers. Tr. Pkt. 45¢; 1/4 oz. \$1.00; 1 oz. \$3.00.

Marigold Tagetes Signata Pumila 37,000 S. 8 to 10 ins. Very compact plants covered with 1 inch single blooms. Very showy mass effect.

Lulu yellow; Golden Gem uniform compact orange; Ursula Similar habit to Lulu, golden orange with bright orange zone. Tr. Pkt. 35¢; 1/4 oz. 75¢; 1 oz. \$2.20



## PANSIES

Pansies continue to be highly popular for bedding and there are improvements in the available strains that make them even better. 21,000 S.

### PANSY MIXTURES

#### F 2 Hybrid Strains

Masquerade Mixed Flat blooms of huge size, striped and shaded in Jumbo manner. Combinations of rust, yellow, blue, violet, pink and lavender. Vigorous but fairly compact. Early blooming. Tr. Pkt. 1/16 oz. \$1.50; 1/8 oz. \$2.75; 1/4 oz. \$5.00; 1 oz. \$16.00

Color Carnival Mixed An American bred race possessing exceptionally large blooms on vigorous plants. A magnificent color range heavy in reds and scarlets and with a wide range of interesting combinations. Tr. Pkt. 1/16 oz. \$2.00; 1/8 oz. \$3.75; 1/4 oz. \$7.00; 1 oz. \$22.00

\* King Size Mixed A new American strain that comes into bloom with Swiss Giants. Flowers are much larger, however, yet with excellent substance. Plants are quick starting and husky. Interesting new color combinations. 1/16 oz. \$2.00; 1/8 oz. \$3.75; 1/4 oz. \$7.00; 1 oz. \$22.00

Roggli Giant Mixed Imported originator's strain Tr. Pkt. 1/16 oz. \$2.00; 1/8 oz. \$3.75; 1/4 oz. \$7.00; 1 oz. \$24.00

Formula Blend Contains 50% Roggli and F 2 American strains with the balance made up of Swiss and Maple Leaf types blended for wide color range. Tr. Pkt. 1/16 oz. 90¢; 1/8 oz. \$1.60; 1/4 oz. \$3.00; 1 oz. \$9.00

Steele's Jumbo Mixture originator's seed. Tr. Pkt. \$1.15; 1/8 oz. \$3.40; 1/4 oz. \$6.10; 1/2 oz. \$10.35; 1 oz. \$16.55

Engelmann's Giants Mixed Huge flowers. Originator's seed. 1/4 oz. \$5.20; 1 oz. \$16.00

Swiss Giant Reselected Florist Strain Mixed An improved strain characterized by a preponderance of rich deep wine red, brown and wine shades together with a wide range of clear attractive colors.

Maple Leaf Giants Reselected Florist Strain Mixed Very large blooms. Mixture consists largely of shades of blue and yellow; attractive foliage, sturdy plants.

Westland Giants Mixed A large flowering strain in beautiful and unusual color combinations. Compact growth habit.

Felix Mixture Whiskered center zone markings with many color combinations.

Clear Crystals Mixed Many clear colors without blotches. Fairly large blooms; very bright effect.

Above 5: Tr. Pkt. 1/16 oz. 70¢; 1/8 oz. \$1.25; 1/4 oz. \$2.00; 1 oz. \$7.00

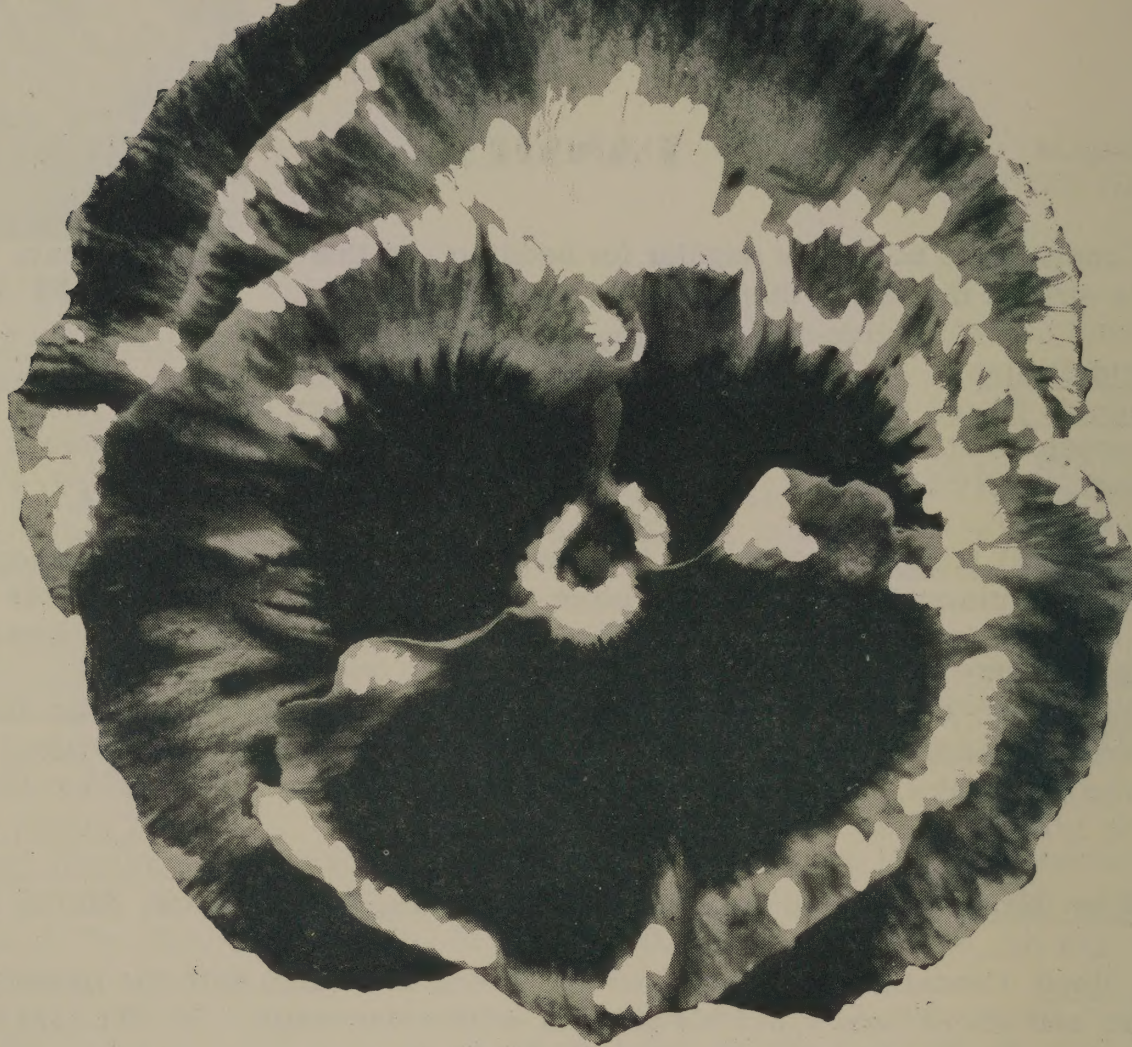
### SEPARATE COLORS

#### Separate Colors Holland Grown

Super Beaconsfield lower petals purple shading to white flushed pinkish lilac on the upper petals.

Swiss Giant Rhinegold deep yellow with dark brown blotch; Swiss Giant Berna dark violet; Swiss Giant Alpenglow Rich velvety mahogany with dark blotches; Swiss Giant Coronation Gold Bright golden yellow, flowers slightly ruffled at edges; Swiss Giant Firebeacon wallflower red with a touch of orange; Swiss Giant Pure White Extremely large, true paper white with yellow eye; Swiss Giant Raspberry Rose (Blumisalp) Pink-carmine and deeper shades; Swiss Giant Ullswater Gentian-blue with darker blotch; Jumbo Moon Moth Extremely large pure white with dark blue pencillings; some with yellow blotch on lower petal; Jumbo Pay Dirt Huge yellow pansy with brown rays or small brown face; Clear Crystal Azure Blue. Tr. Pkt. 1/16 oz. 85¢; 1/8 oz. \$1.50; 1/4 oz. \$2.50; 1 oz. \$9.00





## F2 PANSY, COLOR CARNIVAL

### Roggli Original Imported Seeds

Alpengluhn red; Blumisalp raspberry-rose; Berna deep velvety blue; Hohenfeuer orange; Eiger yellow dark blotch; Jungfrau white yellow eye; Monch clear gold yellow; Thunersee gentian blue. Tr. Pkt. (1/16 oz.) \$2.00; 1/8 oz. \$3.75; 1/4 oz. \$7.00.

ANNUAL MYOSOTIS (Forget-Me-Not) 41,500 S. Sow in August for mid-winter bloom or Dec. for spring bloom.

Oblongata Perfecta Light blue; Oblongata Blue Bird Pale blue Tr. Pkt. 35¢; 1/4 oz. 60¢; 1 oz. \$1.60.

NAEGELIA Temple Bells - See Gesneria

NASTURTIUM 170 S. Bright flowers in shades of yellow, orange, salmon, scarlet, mahogany, rose suitable for bedding and for cutting. Prefers cool summers.

Double Gleam Mixture Trailing or climbing habit; Golden Gleam; Scarlet Gleam.

1 oz. 30¢; 4 ozs. 90¢; 1 lb. \$3.00

Dwarf Double (Gem) Mixture 12-14"; Cherry Rose; Scarlet Gem; Orange Gem.

1 oz. 40¢; 4 ozs. \$1.20; 1 lb. \$4.00

NEMESIA 98,000 S. Free-blooming showy plants suitable for beds, rockeries, etc. Sow Feb. for spring sales.

Dwarf Gem Mixture 6 to 8" A compact, very free-flowering strain in wide color range.

Dwarf Fireking bright scarlet; Dwarf White Queen cream white; Dwarf Mauve Queen.

Tr. Pkt. 30¢; 1/16 oz. 50¢; 1/8 oz. 70¢; 1/4 oz. \$1.25; 1 oz. \$4.00

Strumosa Suttonii Large Flowered Mixed Tall mixed Tr. Pkt. 30¢; 1/8 oz. 60¢; 1/4 oz. \$1.10



NICOTIANA Flowering Tobacco 400,000 S. Bedding plants. Sow 6-7 weeks before sale.  
Crimson Bedder; White Bedder Compact, 15 ins. high. Evening fragrance  
Daylight Sensation Mixed More compact; white, cream, pink to crimson.  
Above 3: Tr. Pkt. 25¢; 1/8 oz. 40¢; 1/4 oz. 60¢

NIEREMBERGIA (Cup Flower) 182,900 S.

Purple Robe 8-10" A fine bedding plant with deep violet flowers covering foliage all summer. Sow early. Tr. Pkt. 40¢; 1/32 oz \$1.20; 1/16 oz. \$2.25

## DOUBLE PETUNIAS

DOUBLE PETUNIAS For pots, outdoor planters, beds and combinations 260,000 S.  
Sow early, December 15 for combinations in May. Will tend to lose dwarf habit if grown above 55. 1/2 Tr. Pkt contains 500 S., Tr. Pkt. 1000 S.

Pan-American Strains-Grandifloras (Up to 100% large flowered)

Glorious Mixture A formula mixture of eight colors and intermediate shades.

Uniform in growth habit; vigorous enough for bedding, dwarf enough for pots.

1/2 Tr. Pkt. \$2.35; Tr. Pkt. \$4.25; 1/128 oz (2,000 S.) \$7.80; 1/64 oz. \$15.25;  
1/32 oz. \$29.00.

Allegro Bright deep salmon. 100% grandiflora, 3 1/2 to 4"; fully fringed, full double. Uniformly dwarf; about 12 ins. Caprice Bright rose, 100% grandiflora, dwarf, strong and vigorous; Rhapsody Burgundy wine-red; 100% grandiflora, fully fringed, full double Minuet Orchid-lavender, some variation. Near 100% grandiflora; Presto Rose and white variegated. Some variation in rose shade, growth habit and size of bloom; Nocturne Midnight violet-blue. Medium to large blooms 3 to 3 1/2". Fringed and full double. Medium dwarf, average height 15"; Lyric New giant fringed full double salmon. Sonata Pure white, 100% grandiflora. Deeply fringed and full double. Medium dwarf; average height 18"

Above separate colors: 1/2 Tr. Pkt. \$2.75; Tr. Pkt. (1000 S.) \$4.60; 1/128 oz. \$8.50; 1/64 oz. \$16.25; 1/32 oz. \$31.00; 1/16 oz. \$58.50.

Pan-American Strains- Multiflora or Carnation Flowered Double

America medium size bright rose double blooms on medium size plants;

Cardinal glowing bright scarlet red on compact uniform plants

Cherry Tart gay rose and white variegated; mound shaped habit of growth

Honey Bunch soft rich salmon pink; the color of Linda,

Snowbird pure white

1/2 Tr. Pkt. \$1.50; Tr. Pkt. \$2.75; 1/128 oz. \$4.75; 1/64 oz. \$8.75; 1/32 oz. \$16

Sakata (Japanese) Strains

Blue Brocade Reselected; Gaiety pink and white bicolor, dwarf and compact; medium large double and fringed blooms. Darling Improved rose carmine; dwarf and compact; White Swan large flowered white double; somewhat taller and more vigorous-growing than Sonata.

Above: 1/2 Tr. Pkt. \$2.00; Tr. Pkt. \$3.50; 1/128 oz. \$6.20; 1/64 oz. \$11.50;  
1/32 oz. \$22.00

Canadian Strains

Blue Moon Uniformly dwarf and free flowering dark blue. Medium size full double.

Canadian Queen Improved Rose pink double; Cotton Candy Soft creamy salmon suffused with pink. Large fully double blooms; Purple and White Large double blooms variegated wine-purple and white; Salmon Red More nearly red than Allegro. Canadian Double

Mixture These 6:

1/2 Tr. Pkt. \$2.25; Tr. Pkt. \$4.00; 1/128 oz. \$7.20; 1/64 oz. \$13.00; 1/32 oz. \$24.  
1/16 oz. \$48.00.



## F-1 HYBRID GRANDIFLORA

F - 1 Hybrid Petunias are available in a great variety of colors and bicolors, flower textures and degrees of compactness. They are showy as bedding plants from early summer to frost and do well under almost all conditions excepting heavy shade. Sow early March for earliest outdoor bloom.

The Lustres These petunias all have waved petals, very large blooms borne on compact low-growing plants and all produce well under a wide range of climatic conditions.

Blue Lustre Deep mid-blue in hot weather becoming darker in cool weather. Plants are one foot tall and 1 1/2 to 2 feet across.

Salmon Lustre Over-all effect is a rich salmon-pink.

Scarlet Lustre Glowing and vivid scarlet blooms with waved and fringed petal edges and a bright yellow throat. Spreads to 2 feet and blooms steadily over the entire plant.

Rose Lustre Strong rose-pink color unique in its class. Blooms are 3 1/2 inch across waved and lightly fringed and with a light yellow throat.

1/2 Tr. Pkt. \$1.60; Tr. Pkt. \$3.00; 1/128 oz. \$5.20; 1/64 oz. \$9.60; 1/32 oz. \$18.00;  
1/16 oz. \$34.10; 1/8 oz. \$65.00. (Lustres)

The Cascade Series (New) A new group of grandifloras that are very large, 4 1/2 to 5 ins. across, and are early and free flowering. They will hold erect or cascade down over banks and window boxes. Useful particularly in planters or on sloping ground where a mass of color can be used.

Pink Cascade rose pink with light yellow throat.

Red Cascade bright scarlet red

White Cascade

Fandango bicolor of violet blue and white in the Cascade type

1/2 Tr. Pkt. \$1.50; Tr. Pkt. \$2.75; 1/128 oz. \$4.75; 1/64 oz. \$8.75; 1/32 oz. \$16.75;  
1/16 oz. \$32.00; 1/8 oz. \$60.75; 1/4 oz. \$115.75 (Cascades)

### Other Grandifloras:

Ballerina soft glowing salmon, 3 1/2 to 4 ins. across; fringed, extremely free-flowering. Average height 1 ft., spread about 2 ft.

Black Magic Deep violet-blue.

Blue Magic Rich violet-blue. Plain edge; quite dwarf.

Blue Lace Orchid blue, dwarf and fairly compact. Darker veining. A different and very striking petunia with ruffled and fringed blooms.

Calypso A striking red and white bicolor grandiflora. A considerable portion of

the plants bear blooms with a distinct white star pattern. Lightly fringed.

Cavalier Variegated in a manner similar to Crusader but the colors are rich salmon and white.

Chiffon Plain edge light pink.

Crusader A gay rose and white bicolor. Very showy. Occasional individual plants shade darker or lighter. Deeply fringed; free-flowering. 12 to 15 " high.

Firedance Brilliant scarlet red, golden throat; fringed.

La Paloma Pure white, yellow throat. Well fringed and free-flowering. 15-18".

1/2 Tr. Pkt. \$1.50; Tr. Pkt. \$2.75; 1/128 oz. \$4.75; 1/64 oz. \$8.75; 1/32 oz. \$16.75;  
1/16 oz. \$32.00; 1/8 oz. \$60.75; 1/4 oz. \$115.75.





**CASCADE PETUNIAS** A new class of petunias that combines large flower size (4-5 ins.) with earliness and with vigor and stem length that makes them ideal wherever a mass effect is desired such as in planter boxes or on banks. Comes in pink, red and white and, if Fandango is included, deep blue and white variegated.



## Color Parade, Mixed



Maestro Bright cerise rose with yellow throat; fringed.

Lavender Lace Dwarf and compact habit. Blooms are rose lavender with plum-purple pencillings; very freely ruffled and fringed.

Matador Ruffled grandiflora in mahogany red.

Maytime Lovely light salmon pink with plain edge. Profuse bloomer.

Pink Magic Smooth bright pink without objectionable veining. Large blooms. Compact plants. Pkt. 50¢.

Prima Donna Improved Warm rose-pink. Early and free-flowering. Dwarf. Pkt.

Sabre Dance Crimson red, white starred. Very large blooms.

Tango Bright deep scarlet-salmon. 100% grandiflora. Deeply fringed, free-flowering. Uniformly dwarf; spread 20 to 24 ins.

Toreador Velvety deep crimson red. Huge ruffled flowers. Dwarf and compact.

Color Charm medium large flowers with plain edge. White star on rose background.

Snow Magic (White Magic Improved) A larger flowered improvement of White Magic. Very free flowering for such large size. Compact spreading habit.

Snow Lady Very large fringed pure white flowers; early blooming. Dwarf habit.

1/2 Tr. Pkt. \$1.50; Tr. Pkt. \$2.75; 1/128 oz. \$4.75; 1/64 oz. \$8.75; 1/32 oz. \$16.75; 1/16 oz. \$32.00; 1/8 oz. \$60.75; 1/4 oz. \$115.75.

Color Parade Blend An F 1 hybrid blend of 100% grandifloras. Blended for color and growth habit harmony. Highly recommended where an all-grandiflora blend is desired. Tr. Pkt. \$1.60; 1/128 oz. \$2.75; 1/64 oz. \$5.00; 1/32 oz. \$9.00; 1/16 oz. \$17.50; 1/8 oz. \$36.00.



Blue Mantle Deep violet blue medium size ruffled flowers. Fairly dwarf.  
Fairyland Medium size fringed blooms of soft salmon-pink. Free-blooming.  
Firegleam Glowing cherry-red. Medium size ruffled flowers.  
Minstrel Large ruffled blooms variously marked with white and violet blue.  
Red Ensign Deep scarlet red 3 1/2 inch bloom, plain-edged. Habit somewhat erect but dwarf.  
Rose Veil White or blush pink with a veil of rose veins. Fringed; dwarf. Vigorous.  
Snowcap Plain edge, pure white blooms comparable in size to Popcorn and with similar dwarf habit but with F 1 vigor and uniformity.

Above 6: 1/2 Tr. Pkt. \$1.00; Tr. Pkt. \$1.75; 1/128 oz. \$3.25; 1/64 oz. \$6.00; 1/32 oz. \$11.00; 1/16 oz \$20.00; 1/8 oz. \$36.00; 1/4 oz. \$65.00

## **F-1 HYBRID MULTIFLORA PETUNIAS**

Blue Ribbon A very fine multiflora that blooms freely in all areas, bearing deep, violet-blue flowers. Not included with the Satins because of its larger plant habit.

Plum Dandy (New) A bright shade of fuchsia purple on husky plants. 15".

Above 2: 1/2 Tr. Pkt. \$1.00; Tr. Pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.50; 1/32 oz. \$11.70; 1/16 oz. \$20.00.

The Satins Starting with Red Satin in 1957 the Satin Class now includes six hybrids of similar plant and flower type. The class is outstanding for its dwarf, compact habit of growth.

Coral Satin All America award 1961. The very compact dwarf plants hold their form and produce masses of lovely coral-rose blooms. 1/2 Tr. Pkt. \$1.35; Tr. Pkt. \$2.50; 1/128 oz. \$4.25; 1/64 oz. \$8.00; 1/32 oz. \$15.00; 1/16 oz. \$28.00; 1/8 oz. \$52.00

Dawn Satin (New) The flowers are a light shade of Neyron rose. Has the typically dwarf, compact Satin habit and maintains the dwarf habit, covered with bloom, all season long. 1/2 Tr. Pkt. \$1.30; Tr. Pkt. \$2.40; 1/128 oz. \$4.15; 1/64 oz. \$7.75

Red Satin All America Award 1957. Vivid, non-fading scarlet-red flowers. Very free-blooming. Plants compact, globe-shaped; 10 to 12" across.

Peach Satin Salmon-pink with satiny sheen. Similar in habit to pink Satin.

Pink Satin Dazzling rose-pink blooms almost hiding the globe shaped plants. Slightly taller than Red Satin.

White Satin A new pure white petunia with a slight crepe effect in the petals. Early.

Above Satins except Coral Satin: 1/2 Tr. Pkt. \$1.00; Tr. Pkt. \$1.75; 1/128 oz. \$3.50; 1/64 oz. \$6.00; 1/32 oz. \$10.75; 1/16 oz. \$20.00; 1/8 oz. \$38.00; 1/4 oz. \$72.00

Glitters The first red and white bicolor petunia. Grows only about 8" high; blooms about 2" across. A showy dwarf for bedding and edging. 1/2 Tr. Pkt. \$1.35; Tr. Pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz \$15.50; 1/16 oz. \$30.00

Brass Band (New) Deepest yellow available. Blooms are freely borne on compact plants. Originators "Safe & Grow" packets. Tr. Pkt. \$1.75; 1/128 oz. \$3.25; 1/64 oz. \$6.25; 1/32 oz. \$11.00; 1/16 oz. \$20.00



## F-1 HYBRID PETUNIAS

Aztec Scarlet red with gold throat. Very brilliant and free-flowering. Dwarf, compact

Cherokee New warm mid-rose, early dwarf. Very free-flowering.

Comanche Improved Bright uniform scarlet red. Very showy, non-fading. Plants bushy 1 ft. tall.

Inca Glowing deep rose red with gold throat, Dwarf.

Linda Clear light salmon-pink; very vigorous and compact. Height 15 to 18".

Mercury Medium light blue; non-fading with light yellow throat. G Flowers medium large, slightly star shaped.

Mohawk Bright rose-pink.

Navajo Crimson with well defined white star.

Neptune Medium violet blue; dwarf and compact.

Paleface White with the growth habit of Comanche. Profusely blooming.

Pink Velvet Clear rose pink similar to Celestial Rose in color but more uniform.

Polaris Midnight violet-blue white starred. Very striking. Fairly dwarf habit.

Red Velvet Scarlet red; quite similar to Comanche.

Satellite Bright rose with perfect white star; dwarf

Sioux Deep salmon; general growth habit of Comanche.

Space Star Bright rose red with white star. Very dwarf and compact.

Star Flight Deep velvety crimson with white star. Elk's Star in hybrid form.

Sugar Plum Bright orchid pink, pencilled and veined orchid-purple. Free-flowering; weather resistant. Compact.

Venus Celestial-rose pink; extra dwarf

White Velvet Clear white with silvery sheen

Above Multiflora Petunias: 1/2 Tr. Pkt. \$1.00; Tr. Pkt. \$1.75; 1/128 oz. \$3.00; 1/64 oz. \$5.50; 1/32 oz. \$10.00; 1/16 oz. \$19.25; 1/8 oz. \$36.50; 1/4 oz. \$69.00

F 2 HYBRID PETUNIAS F 2 hybrids are intermediate between F 1 and line bred petunias so far as vigor and trueness-to-type are concerned.

Carnival F 2 Hybrid Grandiflora Mixed Color range includes crimson, blue, salmon, red, white, rose, shades of pink and white and white and blue. 80% are large (3-4") across. Tr. Pkt. 75¢; 1/64 oz. \$1.50; 1/32 oz. \$2.85; 1/16 oz. \$5.25; 1/8 oz. \$10.00

Bonanza F 2 Hybrid Multiflora This strain recently introduced offers replacement for open-pollinated nana compactas. Increased vigor and profuseness of bloom is available at very moderate prices. Celestial Rose; Flaming Velvet; Gold Coast yellow; Silver Blue Shades; Snowball pure white; Violet Blue Shades; Bonanza Blend.

Bonanzas: Tr. Pkt. 45¢; 1/16 oz. 75¢; 1/8 oz. \$1.20; 1/4 oz. \$2.00; 1 oz. \$7.20

### PETUNIA GRANDIFLORA SINGLE PLAIN EDGE

Popcorn Identical in flower size and shape with Snowstorm but earlier blooming and very dwarf in habit of growth. Tr. Pkt. \$1.50; 1/64 oz. \$2.75; 1/32 oz. \$5.00; 1/16 oz. \$9.50; 1/8 oz. \$18.00; 1/4 oz. \$33.00

Bingo Huge flowers richly variegated wine-red and white. 1/2 Tr. Pkt. 85¢; Tr. Pkt. \$1.50; 1/64 oz. \$4.50; 1/32 oz. \$8.00; 1/16 oz. \$14.00.

Giant Flaming Velvet Ruffled mahogany red.

Royalty Rich purple, white star

Dwarf Elk's Pride Rich velvety violet-blue, uniformly larger flowered and more dwarf strain.

Snowstorm Improved Immense pure white flowers.

Dazzler Dazzling scarlet; low growing.

White Queen Large wavy pure white flowers.

Above 6: Tr. Pkt. 75¢; 1/64 oz. \$1.60; 1/32 oz. \$3.00; 1/16 oz. \$5.25.



### PETUNIA GRANDIFLORA SINGLE FRINGED

Super Fluffy Ruffles Heavily fringed and frilled in a beautiful range of colors.

Theodosia Improved Deeply fringed bright rosy pink with golden throat.

Dainty Lady Light creamy yellow; compact.

Fringed Snowstorm Fringed white flowers with golden throat. 15" high.

### DWARF RUFFLED PETUNIAS

Little Giants Mixed Very dwarf and compact plants bearing ruffled blooms in great profusion. Many shades and colors. Tr. Pkt. 65¢; 1/64 oz. \$1.25; 1/32 oz. \$2.25

Little Giant Pink Frills Similar, bright rose pink shades. Tr. Pkt. 75¢; 1/64 oz. \$1.50  
1/32 oz. \$2.50; 1/16 oz. \$4.50

Admiral large ruffled flowers; bright velvety blue. Tr. Pkt. \$1.00; 1/64 oz. \$1.75;  
1/32 oz. \$3.25; 1/16 oz. \$5.50; 1/8 oz. \$9.25.

### BALCONY PETUNIAS 1 1/2 ft. 200,000 S.

Blue, Crimson (Black Prince), Rose, White Mixed. Tr. Pkt. 40¢; 1/8 oz. 70¢; 1/4 oz. \$1.25; 1 oz. \$4.00

### **Darling**

(*Grandiflora Double*)

Gay carmine-rose;  
Dwarf and compact.





## PETUNIA GIANTS OF CALIFORNIA

Tall Giants of California 162,000 S.

F 1 Hybrid Frolic Mixed Blooms 6 to 8 ins. across. Early blooming. Grows to height of about 15 ins. 1/2 Tr. Pkt. \$1.35; Tr. Pkt. \$2.50; 1/128 oz. \$4.50; 1/64 oz. \$8.00; 1/32 oz. \$15.50; 1/16 oz. \$30.00.

Paramount Giants Free-flowering mixture of light and dark shades. Red and orchid shades with white markings all veined and ruffled; some light, some dark throats. 4-5" blooms. Well-suited for outdoor use.

Supreme Florist Strain 4 1/2" blooms in delicate shades of rose, pink and salmon with light throats.

Above 2: Tr. Pkt. (1/128 oz.) 75¢; 1/64 oz. \$1.40; 1/32 oz. \$2.60; 1/16 oz. \$4.80

Dwarf Giants of California 160,500 S. Especially bred for pot culture. Huge 5-6" blooms on dwarf sturdy plants.

F 1 Hybrid Can Can New. Huge blooms on vigorous but dwarf plants. Wide color range. 1/2 Tr. Pkt. \$2.50; Tr. Pkt. \$4.00; 1/128 oz. \$7.60; 1/64 oz. \$14.45.

F 1 Hybrid Dwarf Formula Mixture Nearly 100% large flowered. Dwarf but with hybrid vigor.

F 1 Hybrid Dwarf White. Color uniform.

F 1 Hybrid Dwarf Rose and White Very dwarf and uniform. About 5% small flowers.

Above 3: 1/2 Tr. Pkt. \$2.25; Tr. Pkt. \$3.75; 1/128 oz. \$7.00; 1/64 oz. \$13.50

Extra Dwarf Mixed Shades of rose and red, about 50% bicolored with white.

Ramona Dark and Light Shades Includes salmon and wine-red shades with dark veined throats and also orchid and rosy orchid shades. Somewhat wider color range but not quite as dwarf and not quite as large blooms on average as Extra Dwarf Strain.

Above 2: 1/2 Tr. Pkt. 90¢; Tr. Pkt. \$1.50; 1/64 oz. \$2.50; 1/32 oz. \$4.50; 1/16 oz. \$8.00; 1/8 oz. \$15.50.

## NANA COMPACTA BEDDING TYPES 280,000 S.

Blue Bedder Improved mid-blue; Celestial Rose deep rose, compact; Rose of Heaven brilliant rose, dwarf; Rosy Morn Rose white throat; Violacea deep velvety purple. Above: Tr. Pkt. 40¢; 1/8 oz. 70¢; 1/4 oz. \$1.25; 1 oz. \$4.00.

Silver Blue medium blue; Sky Chief clear pale blue; Lipstick carmine rose; Twinkles brilliant rose starred white; Snowball Improved. Tr. Pkt. 75¢; 1/8 oz. \$1.35; 1/4 oz. \$2.50.

Firechief Newly opened flowers are brilliant scarlet red, turning salmon with age. Tr. Pkt. 50¢; 1/16 oz. \$1.65; 1/8 oz. \$2.85; 1/4 oz. \$4.80; 1 oz. \$15.00



## ANNUAL PHLOX

ANNUAL PHLOX *Phlox drummondii* 14,000 S Very showy and popular bedding plants handled the same as petunias. Stand heat well. More dwarf types are neater and more compact than petunias.

Globe Mixed Uniform and free flowering perfectly rounded plants with base branching habit. Full color range 8" Tr. Pkt. (1/16 oz) 75¢; 1/8 oz. \$1.40; 1/4 oz. \$2.50 1 oz. \$7.50.

\* Twinkle Mixed Dwarf Star Type. 6-8". Star form flowers in shades of rose, scarlet, pink, crimson, carmine to violet-blue solid or in zonation are carried above the compact plants. Tr. Pkt. (1/16 oz). 65¢; 1/8 oz. \$1.25; 1/4 oz. \$2.25; 1 oz. \$6.00.

Extra Dwarf Beauty Wide color range; very free-flowering. Rich bright colors with little or no eye. 6-7" Blue Beauty; Crimson Beauty; Pink Beauty; Salmon Beauty; Violet Beauty; White Beauty; Beauty Mixed Each: Tr. Pkt. (1/16 oz.) 75¢; 1/8 oz. \$1.40; 1/4 oz. \$2.50; 1 oz. \$7.50.

Glamour (Tetra) All America Award 1960. Rich salmon with deeper eye. Free-flowering. 15". Tr. Pkt. (1/64 oz.) 70¢; 1/32 oz. \$1.25; 1/16 oz. \$1.90; 1/8 oz. \$3.60

ANNUAL POPPY 217,000 S. Freely branching plants 2 1/2 to 3 ft. tall

Shirley Double Sweet Bra

Shirley Double Sweet Briar deep rose pink; Shirley Double Mixed White, pink, rose, scarlet, deep red, apricot and picotees. Either: Tr. Pkt. 20¢; 1/4 oz. 35¢; 1 oz. \$1.20

PORTULACA (Moss Rose, Sun Plant) 307,000 S. Low growing, spreading and brilliantly colored. Thrives in extreme heat and drouth. Flowers open when the sun shines.

Claudia Extra Double Mixed Very double blooms in pink, crimson, cream, white, red, rose, salmon, gold, scarlet, flesh, yellow. Tr. Pkt. 30¢; 1/16 oz. 50¢; 1/8 oz. 70¢; 1/4 oz. \$1.20; 1 oz. \$3.80.

Single Jewel Carmine; extremely large. Tr. Pkt. 30¢; 1/16 oz. 50¢; 1/8 oz. 70¢

Grandiflora Single Mixed White, rose, apricot, yellow, gold, cerise, carmine, scarlet lavender, rosy lavender, orange, some bicolors. Tr. Pkt. 20¢; 1/8 oz. 35¢; 1/4 oz. 60¢; 1 oz. \$2.20

## POT PRIMULAS

PRIMULA MALACOIDES (Baby Primrose) 385,000 S. Should be grown cool. Keep from drying out. Sow during summer and early fall for early spring bloom. While some people are allergic to *Primula obconica* and *P. Chinensis* we have failed to find any indication of allergy to *P. malacoides*. The newer varieties are magnificent pot plants for spring sale and deserve to be grown more widely. 12".

Glory of Riverside Improved Very free-blooming; lovely salmon rose flowers. Tr. Pkt. \$1.25; 1/64 oz. \$2.75; 1/32 oz. \$5.00

La Traviata Carmine red; White Giant fine pure white; large flowers, heavy stems;

Mrs. Eriksson of Riverside Glowing rose red flowers on compact plants; Pink Sensation Clear bright pink; Malacoides Choice Mixed Tr. Pkt. \$1.25; 1/64 oz. \$2.75; 1/32 oz. \$5.00.

Malacoides Dwarf Lisette (New) 8" Salmon rose

Malacoides Dwarf Lucrece (New) 8" Blood red

These two: Tr. Pkt. \$1.50; 1/128 oz. \$2.75; 1/64 oz. \$5.25





**HONEY BUNCH** All double multiflora or Carnation flowered Petunia. Soft rich salmon pink, the color of Linda.





CARDINAL All double multiflora or Carnation flowered  
Petunia. Glowing bright scarlet red on dwarf plants





## PRIMULA MALACOIDES

### PRIMULA OBCONICA 130,000 S.

Bagatelle Salmon rose; Brilliant vivid salmon red; Coerulea Heavenly blue; Crimson King Improved Large flowers; Red Giant Large blooms, bright carmine; Salmon Red Giant Bright coppery rose; dwarf plants; Trianon Pure white; Formula Blend  
Tr. Pkt. \$1.20; 1/64 oz. \$2.65; 1/32 oz. \$5.00

### PRIMULA CHINENSIS (Chinese Primrose) 17,500 S. For Christmas holiday pots sown March.

Cardinal Cinnabar red; Dawn Soft pink; Coerulea Blue; Fiery Scarlet; White; Formula Blend Tr. Pkt. \$1.40; 1/64 oz. \$3.60; 1/32 oz. \$6.75

### PRIMULA KEWENSIS Pot primulas with yellow flowers and light green foliage.

Mountain Spring Golden yellow, powder free. Tr. Pkt. \$1.75; 1/128 oz. \$3.75; 1/64 oz. \$7.00

### QUEEN ANNE'S LACE (Daucus carota) 36,000 S.

Showy heads of small white flowers. 2 1/2 ft. Good cut flower filler. Tr. Pkt. 2 1/4 oz. 35¢; 1 oz. \$1.25

### RANUNCULUS 76,000 S. per oz. Cutting.

Florists Double Mixed Wide color range. Tr. Pkt. 50¢; 1/8 oz. \$1.00.

### RICINUS (Castor Bean) Fast growing, exotic-looking plants with very large leaves.

Sanguineus 75 S. 6 1/2 ft. Blood red. Zanzibariensis Mixed 10 ft. 30 S. per oz. Either: 1 oz. 30¢; 4 ozs. 90¢; 1 lb. \$3.00

### ANNUAL RUDBECKIAS (Coneflower) 50,000 to 70,000 S. Very showy plants in shades of golden yellow, orange and brown. Bedding and cutting.

Double Gloriosa Daisy All America Award 1961. Golden yellow blooms up to 3 1/2" across. Some are fully double, others are double to semi-double showing the centers. Stands heat well. 3 ft. Tr. Pkt. 85¢; 1/16 oz. \$1.50; 1/8 oz. \$2.50; 1/4 oz. \$4.50; 1 oz. \$12.00

Single Gloriosa Daisy Tetraploid giant flowered mixture of bright yellow, rich maroon and bicolors in various patterns. Tr. Pkt. 40¢; 1/8 oz. 70¢; 1/4 oz. \$1.20; 1 oz. \$3.80.

Goldflame Dwarf growing 12 ins. high. Large golden yellow flowers with crimson center. Extremely free flowering.

Mahogany Flame Brownish-red version of Goldflame.

Either: Tr. Pkt. 50¢; 1/8 oz. 85¢; 1/4 oz. \$1.40; 1 oz. \$4.00



SAINTPAULIA (African Violet) 700,000 S. Very popular pot plants. Can be grown from seed and will bloom in 7-8 months if care is exercised. Sow on surface of a fine potting soil; keep evenly moist. Require ample organic material with drainage and protection from full sunlight.

Blue Fairy Tale Very free-blooming and fast growing. Yellow stamens contrast with the dark ultramarine flowers. Dark stemmed dark green leaves.

Pink Fairy Tale Similar in growth habit and blooming characteristics to Blue Fairy Tale

Mixed Single Types

Tr. Pkt above 3: (300 S. ) \$1.75; 1/256 oz. \$6.25; 1/128 oz. \$11.80.

SALPIGLOSSIS 120,000 S. May be cut indoors from a mid-winter sowing or from a later sowing outdoors. Showy funnel-form flowers in wide color range.

Bolero F 2 Hybrid Mixed Outstanding for flower size, bushiness of growth and profusion of bloom. Full color range. Tr. Pkt. 25¢; 1/8 oz. 40¢; 1/4 oz. 65¢; 1 oz. \$1.

Emperor Mixed 30" Freely branching. Velvety texture. Colors include crimson, purple, rose and white in bicolor combinations with gold.

Dwarf Large Flowered Mixed 20" All colors.

Above 2: Tr. Pkt. 25¢; 1/4 oz. 40¢; 1 oz. \$1.50

SANTIVALIA Creeping Zinnia 50,000 S. 4 to 6 ins. A dwarf border or rockery plant with a profusion of small yellow flowers.

Yellow with Black Center; Double flowering Yellow Either: Tr. Pkt. 30¢; 1/8 oz. 50¢; 1/4 oz. 85¢; 1 oz. \$2.60

STREPTOCARPUS (Cape Primrose) Can be grown as pot plants or forced for cutting. As pot plants they require care similar to that given african violets. Orchid-like blooms 1 1/2 ins. across are borne above the foliage that suggests that of polyanthus. Various rich colors and bicolors in veined and blotched designs. Originator's packets of 1000 S. \$1.25; 3 for \$3.25



SCABIOSA IMPERIAL HYBRIDS



SCHIZANTHUS grandiflora hybrids (Butterfly Flower) 43,000 S. Pots, combinations spring cut flowers. Small orchid-like blooms borne in great profusion.

Angel Wings A recent improvement over Dr. Badger's strain. More compact, conical \* plants of uniform, dwarf habit. Blooms all have a distinct gold center contrasting with the brighter colors. Tr. Pkt. 60¢; 1/8 oz. \$1.00; 1/4 oz. \$1.50; 1 oz. \$4.00

Dr. Badger's Improved Many 1" flowers like small orchids in lavender, lilac, purple, burgundy, rose, salmon, light pink and deep pink. 12 to 15". Tr. Pkt. 25¢; 1/8 oz. 40¢; 1/4 oz. 70¢; 1 oz. \$2.00.

Dwarf Bouquet Mixed 10" Tr. Pkt. 35¢; 1/8 oz. 60¢; 1/4 oz. \$1.00 1 oz. \$3.00

SHAMROCK Trifolium repens minus 26,500 S. For St. Patrick Day pots sow about January 1 and grow cool. Tr. Pkt. 20¢; 1/4 oz. 30¢; 1 oz. \$1.00

SMILAX (*Asparagus asparagodes*) 4000 S. Climber used for greens. Tr. Pkt. 35¢; 1/4 oz. 70¢; 1 oz. \$2.40

SALVIA SPILENDENS (Scarlet Sage) 7500 S. Showy and popular bedding plants. Sow early for spring sales. Bottom heat. All varieties except for a few variants produce showy spikes of scarlet flowers during late summer and fall. They vary in earliness of bloom and in height of growth. Varieties are listed in order of maturity, earliest first: (Tr. Pkt. is 1/16 oz.)

|                                                | Tr. Pkt. | 1/8 oz. | 1/4 oz. | 1 oz.   |
|------------------------------------------------|----------|---------|---------|---------|
| <u>Scarlet Pygmy</u> 8" June even habit        | \$1.00   | \$1.50  | \$2.80  | \$10.00 |
| <u>Salmon Pygmy</u> 8" June salmon-pink        | 1.25     | 1.90    | 3.60    | 12.80   |
| <u>St. John's Fire</u> 10-12" Popular early    | .75      | 1.25    | 2.50    | 8.50    |
| <u>White Fire</u> creamy white 10-12"          | 1.25     | 1.90    | 3.60    | 12.80   |
| <u>Blaze of Fire</u> 14-16"                    | .75      | 1.25    | 2.00    | 7.00    |
| <u>Red Rocket</u> Deep scarlet 15"             | .50      | .90     | 1.50    | 5.00    |
| <u>America (Globe of Fire)</u> 20" medium late | .50      | .90     | 1.50    | 5.00    |
| <u>Bonfire Regular Strain</u> 26"              | .50      | .75     | 1.25    | 4.50    |
| <u>Splendens</u> 30" Tall late                 | .40      | .65     | 1.15    | 4.00    |

SALVIA FARINACEA (Blue Salvia) 22,000 S. July blooming.

Blue Bedder Deep blue dark stems, narrow leaves. 28". Royal Blue Similar, indigo These 2: Tr. Pkt. 40¢; 1/8 oz. 70¢; 1/4 oz. \$1.20

White Bedder Pure white. Tr. Pkt. 50¢; 1/8 oz. 85¢; 1/4 oz. \$1.50; 1 oz. \$5.50.

SALVIA HORMINUM 9200 S. 25". Foliage colored. Habit bushy and compact.

Pink Sundae Rose-pink leaved; Blue Bird Violet-blue leaved. Either: Tr. Pkt. 35¢; 1/8 oz. 50¢; 1/4 oz. 90¢; 1 oz. \$3.00

SAPONARIA vaccaria 6,000 S. Cutting.

Pink Beauty Deep rose pink. Tr. Pkt. 25¢; 1/4 oz. 40¢; 1 oz. \$1.25

SCABIOSA GRANDIFLORA 4090 S. Cutting.

Imperial Giants Extremely large flowers composed entirely of broad frilled petals arranged in a ball - not "pincushion". Plants are 3-4' tall. Flowers are borne on long wiry stems. A new race of Scabiosas.

Blue Moon Deep lavender-violet; Bridesmaid Salmon pink; Coral Moon Light to deep shades of Salmon; Silver Moon Pure paper white; Imperial Mixed

Above: Tr. Pkt. 20¢; 1/4 oz. 60¢; 1 oz. \$1.80.

Tall Double The old fashioned scabiosa with the pincushion center Mixed. Tr. Pkt. 20¢; 1/4 oz. 60¢; 1 oz. \$1.80.

Dwarf Double Mixed 16" Very regular dwarf habit. Tr. Pkt. 20¢; 1/4 oz. 60¢; 1 oz. \$1.80.



STATICE SINUATA 245 heads to oz. Grown for cutting particularly to dry for Winter bouquets. Flowers are 1/4" to 1/2" across borne in close-set clusters. 2- 2 1/2 ft.

Kampf'

Kampf's Tall Improved deep blue; Market Rose deepest rose; Rosea Superba; Snow Witch Tall pure white; Yellow (Bonduelli); Choice Mixed. Tr. Pkt. 30¢; 1 oz. 75¢; 4 ozs. \$2.50

Improved Strain Improved in color and in size.

American Beauty; Aprocot Pastel Tones; Gold Coast Bright yellow; Heavenly Blue Iceberg Non-fading white; Midnight Blue; Roselight; Twilight Lavender; Formula Blend Prices Improved Varieties: Tr. Pkt. 30¢; 1 oz. \$1.20; 4 ozs. \$4.25

STATICE Suworowi (Russian or rat-tail statice) 12,000 S. Bright rose flowers in long spikes. For forcing under glass. Tr. Pkt. 30¢; 1/8 oz. 50¢; 1/4 oz. 75¢; 1 oz. \$2.80.

## STOCKS

COLUMN STOCKS (Non-branching) Double Giant Excelsior 3 ft. 16,000 S.

Especially adapted for greenhouse forcing although some varieties are suited to growing outdoors for cutting. Under glass sterilize soil and grow cool. May be sown from mid-July to end of January.

American Beauty Select deep selection; Apple Blossom Blush pink; Avalanche Supreme white; Ball's Apricot No. 24 deeper shade; Ball's Pink No. 11 Rose pink; Ball's Purple No. 21 (Purple Heart); Ball's Rose Improved No. 14 Intense bright rose pink; Ball's Ruby Improved No. 8 Crimson; Ball's Supreme No. 22 Deep silvery rose; Ball's White No. 16; Chamois Pink Improved No. 9; Enchantress Pink Large flowered deep blush pink; Gardenia Glistening white; Lilac Lavender No. 1 Deep; Orchid Goddess; Pacific Blue Clear mid-blue; Pacific Crimson; Pacific Pink first true pure pink; Pacific Yellow; Silvery-Lilac; Twilight Lavender Deep lavender; White Goddess Early white, perfect stems for cut flower marketing and shipping; Formula Blend. Tr. Pkt. (1/16 oz.) 75¢; 1/8 oz. \$1.25; 1/4 oz. \$2.25; 1 oz. \$8.00.

Trysomic (High Double) Pacific Pink Tr. Pkt. (1/32 oz) 65¢; Tr. Pkt. \$1.25; 1/8 oz. \$2.25; 1/4 oz. \$4.25; 1 oz. \$16.00

DWARF TEN WEEK (Branching) 1 ft. Bloom in approximately ten weeks after sowing. They are splendid for borders.

Azure Blue; Blood Red; Brilliant Rose; Canary Yellow; Crimson; Dark Blue; Deep Rose; Flesh; Lavender; White; Formula Blend. Tr. Pkt. 25¢; 1/8 oz. 40¢; 1/4 oz. 70¢; 1 oz. \$2.40

TRYSONIC 7 WEEK Dwarf Double 18". 18,000 S. Earliest stocks ever developed, noted for ability to withstand unfavorable weather conditions. Blooms at 6 ins. in flats or pots for bedding plant sales; eventually forms a branching plant 12-15" in height. American Beauty Red; Azure Blue; Bright Rose; Fiery Red; Lilac Lavender; Navy Blue; Rose and White Bicolor; White; Blend. Tr. Pkt. (1/32 oz.) 65¢; 1/16 oz. \$1.25; 1/8 oz. \$2.25; 1/4 oz. \$4.25; 1 oz. \$16.00.

EARLY GIANT IMPERIAL (Double Improved Bismarck) Branching. 2 1/2 ft. 18,000 S. Very early blooming and producing a high percentage of doubles. Especially adapted for growing outdoors in cooler sections.

Antique Copper; Blood Red; Blush; Buttercup Golden yellow; Canary Yellow; Chamois; Chamois Rose; Dark Blue; Elk's Pride Royal purple; Fiery Blood Red; Flesh; Lavender; Lilac; Rose; Shasta White; Formula Blend. Tr. Pkt. 25¢; 1/8 oz. 45¢; 1/4 oz. 80¢; 1 oz. \$2.80.



## STOCKS Continued

TRYSONIC GIANT IMPERIAL In common with other types of trysonic stocks this strain is capable of producing 85% double blooming plants from seed. In addition the percentage can be increased up to 100% at the four-leaf seedling stage as at this period the young singles are noticeably weaker.

American Beauty Red; Apricot; Azure Blue; Bright Rose; Canary Yellow; Chamois buff pink; Fiery Red; Flesh Pink; Lilac Lavender; Navy Blue; Salmon Pink; White; Blend. Above: Tr. Pkt. (1/32 oz.) 65¢; 1/16 oz. \$1.25; 1/8 oz. \$2.40; 1/4 oz. \$4.50; 1 oz. \$17.00

## **SWEET PEAS**

WINTER FLOWERING SWEET PEAS 350 S. The Early Flowering Spencers are somewhat earlier flowering than the Multiflora class although the latter is preferable for spring flowering and is very free flowering with long stems carrying 5 and 6 blooms.

Early Flowering Spencer Sow in late summer for mid-winter and early spring bloom. Boy Blue dark blue; Harmony clear lavender; Kate Smith scarlet; Mariner clear blue; Mars rich deep crimson; Nugget salmon pink shaded gold; Shirley Temple soft rose pink; White Waves white seeded large florets in fours. Choice Mixed. 1/2 oz. 35¢; 1 oz. 55¢; 4 ozs. \$1.65.

Zvolanek Multiflora Bloom shortly after the Early Spencers. More vigorous. Under favorable conditions will produce longer and stronger stems, larger florets and more of them. Blue Wonder clear medium blue; Cranberry Red crimson with rose undertone Deep Rose pure rose white base; Geo. J. Ball deep coral rose; Lavender clear lavender Rose Pink; Whirlwind light cream pink; White white seeded; Choice Mixed.

1/2 oz. 35¢; 1 oz. 55¢; 4 ozs. \$1.65. 1 lb. \$6.00

Early Multiflora Giant Flowered A new class of extra large and vigorous early spring blooming sweet peas. Colorama Mixed 1/2 oz. 75¢; 1 oz. \$1.25; 4 ozs. \$3.50

## SPRING FLOWERING SWEET PEAS

Cuthbertson Floribunda Spring-flowering mid-season class. Extremely vigorous, long-stemmed and heat resistant. For spring greenhouse flowering sow October. Also suitable for outdoor cutting being somewhat earlier than the summer class.

Daisy black seedee white; Danny navy blue; David bright rose crimson; Evelyn salmon cream pink; Flora rose carmine; Frank G. rosy lavender; Joy salmon pink; Kenneth crimson; Lois clear rose pink; Ruth deep rose pink; Mixed 1/2 oz. 30¢; 1 oz. 50¢; 4 ozs. \$1.50; 1 lb. \$5.00.

SUMMER FLOWERING SPENCERS Choice Mixture 1/2 oz. 25¢; 1 oz. 40¢; 4 ozs. \$1.25 1 lb. \$4.00

DWARF SWEET PEAS Little Sweetheart Mixed Grows to height of only 8: but bears full size flowers which cover the bushy plants. Edging or border. 1/2 oz. \$1.35; 1 oz. \$2.50; 4 ozs. \$7.50.

## STRELITZIA (Bird of Paradise) 140 S.

Regina Giant flowers of dark blue and dark orange. 10 Seeds \$1.25; 100 Seeds \$10.00

## SWEET WILLIAM ANNUAL

Dianthus Sweet William Midget Annual Wee Willie Ultra dwarf and compact making it ideal for edging. Single flowers 3/4" in diameter, self-edged and zoned in gay combinations of crimson, ruby, deep rose pink and white. 4-6". Tr. Pkt. 40¢; 1/8 oz. 85¢; 1/4 oz. \$1.60; 1 oz. \$5.40.



THUNBERGIA 1100 S. Climber or as a trailing plant for pots and boxes.  
Alata (Black-Eyed Susan) Flowers in shades of yellow, orange and buff.  
Tr. Pkt. 35¢; 1/4 oz. 60¢; 1 oz. \$1.80

TITHONIA 3500 S.

Torch Single bright orange blooms on erect bushy plants 3 ft. high. Tr. Pkt. 40¢;  
1/8 oz. 90¢; 1/4 oz \$1.50.

TORENIA 360,000 S. 8- 12 ins. Sow early for spring bedding sales or for combinations  
Excellent for shady locations.

Fournieri Grandiflora Blue Deep blue. 12"

Fournieri Grandiflora White

Fournieri Dwarf Compact Blue 8"

Fournieri Dwarf Compact White

Above 4: Tr. Pkt. 35¢; 1/16 oz. 60¢; 1/8 oz. \$1.10; 1/4 oz. \$2.00.

Fournieri Grandiflora Large flowers 12".

Blue Deep blue; White; Mixed Tr. Pkt. 35¢; 1/16 oz. 60¢; 1/8 oz. \$1.10; 1/4 oz. \$2.00

Fournieri Dwarf Compact 8"

Blue; White; Mixed Tr. Pkt. 40¢; 1/16 oz. 70¢; 1/8 oz. \$1.25; 1/4 oz. \$2.20.

## VERBENA

VERBENA 10,000 S. Brilliant, showy annuals for bedding, boxes, combinations.

Sow early March with bottom heat. Germination may be rather slow. Pinck taller varieties early.

Spreading Dwarf Type 8 - 12" high.

Sparkle Bright red, white eye; Crystal Large flowered white; Delight Lovely soft pink;

Dazzle Solid scarlet red; very brilliant; Splendor Royal purple with clear white eye.

Above: Tr. Pkt. 50¢; 1/8 oz. 75¢; 1/4 oz. \$1.25; 1 oz. \$4.50

Sparkle Type Mixed Tr. Pkt. 40¢; 1/8 oz. 65¢; 1/4 oz. \$1.10; 1 oz. \$4.00

Tall Spreading Type 12 - 18" high.

Beauty of Oxford Rose pink; Blue Shades; Lavender Glory Large lavender with medium sized creamy white eye, variable; 75% true to color; Marilyn Fiery cerise scarlet, cream eye; Pink and Rose Shades; Sutton's Blue Large flowered tall deep royal blue without eye; Formula Blend. Calypso Striped in various colors.

Above: Tr. Pkt. 45¢; 1/4 oz. \$1.00; 1 oz. \$3.25.

Early Dwarf Upright 8" ( Ideal Florist Strain )

Rainbow Mixture Earliest of all verbenas; features a wide and unusual color range and an early blooming center spike. Tr. Pkt 40¢; 1/8 oz. 75¢; 1/4 oz. \$1.20; 1 oz. \$4.20.

Upright Bushy Type (Multiflora) 1 ft.

Firelight Brilliant solid red without eye; Roselight Rose with white eye; Salmon Queen Bright salmon, small cream eye; Snow White; Starlight Blue, cream eye; Formula Blend. Tr. Pkt. 50¢; 1/4 oz. \$1.00; 1 oz. \$3.50.

Other Verbenas

Aubletia compacta grandiflora 10"; very even compact plant with violet-red flowers. Blooms early June. Tr. Pkt 50¢; 1/8 oz. 75¢; 1/4 oz. \$1.20; 1 oz. \$4.40.

Venosa An attractive species with deep lilac flowers; height 1 ft. Tr. Pkt. 35¢; 1/4 oz. 75¢; 1 oz. \$2.50

Lemon Verbena (Aloysia citriodora) Lemon-scented verbena; fragrant and useful pot plant. Tr. Pkt. 40¢; 1/8 oz. \$1.00; 1/4 oz. \$1.70.



VINCA (Periwinkle) 21,000 S. An excellent bedding plant resistant to hot dry weather. Sow early (January) for spring sales. Grow warm.

Little Bright Eye Dwarf compact habit, similar to Little Pinkie; white red eye.

Tr. Pkt. (1/32 oz.) 45¢; 1/16 oz. 85¢; 1/8 oz. \$1.50; 1/4 oz. \$2.50.

Little Pinkie (Coquette) Compact. Fine bedding plant. Color rosy pink with shiny, dark green leaves. Tr. Pkt. (1/16 oz.) 45¢; 1/8 oz. 80¢; 1/4 oz. \$1.35.

Rose Carpet Spreading, prostrate habit. Good ground cover or as trailing plant. Tr. Pkt. (1/32 oz.) 45¢; 1/16 oz. 85¢; 1/8 oz. \$1.50; 1/4 oz. \$2.50.

Regular Varieties 15 - 16"

Rose; Alba Oculata Crimson eye on white ground; Pure White; Soft Pink Dark Eye; Mixed. Tr. Pkt. Tr. Pkt. 30¢; 1/4 oz. 60¢; 1 oz. \$1.90.

WALLFLOWER Annual (Cheiranthus cheiri) 17,100 S. Fragrant old world favorites for spring and early summer bloom. 12 - 15"

Double Early Wonder Mixed Blooms within 90 days. Shades of yellow, gold and mahog any including bi-colors. Tr. Pkt 40¢; 1/4 oz. 75¢; 1 oz. \$2.80.

## ZINNIA

For spring bedding plant sales sow about 5 weeks ahead with bottom heat. Grow at 65 or higher.

Thumbelina All-America Selections Gold medal winner for 1963. A unique zinnia only 6 inches high covered with double and semi-double flowers in white, yellow, pink, lavender, orange and scarlet. Begins to bloom early when only 4 inches high, making attractive specimens blooming in flats or pots. Continues to grow laterally, putting out new buds but remains compact and dwarf. Perfect for beds, edging, pots, planters, etc. 6000 seeds per oz.

Tr. Pkt. (1/32 oz.) 85¢; 1/16 oz. \$1.50; 1/8 oz. \$2.75; 1/4 oz \$5.00; 1 oz. \$15.00

### F 1 HYBRID ZINNIA

Firecracker All-America Selections Silver Medal Winner for 1963

Clear red with scarlet undertones. Cactus type blooms on 30 inch high plants with high mildew resistance. Tr. Pkt. (1/16 oz.) \$2.25; 1/8 oz. \$4.00; 1/4 oz. \$7.00

GIANT DOUBLE DAHLIA FLOWERED 2,800 S. Plants medium height, 2 1/2 to 3 ft.

Strong stems bear huge fully double blooms.

Canary Bird Rich canary yellow; Crimson Monarch Deep crimson; Dream Deep rosy lavender; Liaorago salmon apricot; Exquisite Light rose, deep rose center; Golden Dawn Golden yellow; Golden State golden orange; Illumination Deep rose red; Luminosa Bright pink; Meteor Deep red; Oriole Orange and gold; Polar Bear White; Purple Prince deep purple; Scarlet Flame; Will Rogers Deep scarlet; Gold Medal Formula Mixed

Above: Tr. Pkt. 25¢; 1/4 oz. 40¢; 1 oz. \$1.30; 4 ozs. \$4.25.

ZINNIA CALIFORNIA GIANT OR MAMMOTH 3150 S. Flowers large and flat with long stems. Can be forced nicely in the greenhouse.

Pink Lady A new bicolor with pink center and cream to buff outer petals. Tr. Pkt. 35¢ 1/4 oz. 55¢; 1 oz. \$1.80

Brightness Bright pink; Daffodil Rich canary yellow; Enchantress Light rose, deeper rose center; Isabellina Creamy buttercup; Lavender Queen Deep rosy lavender; Miss Willmott Rich pink; Orange King Golden orange; Purity Largest and best white; Rose Queen Salmon Queen Salmon rose; Scarlet Queen Glowing deep scarlet; Violet Queen, Rich purple; Formula Mixed; Pastel Giants Mixed Soft pastel colors only.

Above California Giants except Pink Lady: Tr. Pkt. 25¢; 1/4 oz. 40¢; 1 oz \$1.30; 4 ozs. \$4.25.



Zinnia Grand Canyon



Grand Canyon (new) Cactus type blooms up to 5 inches across. Striking blends and combinations of two or more colors: lavender, copper, red, rose, apricot, orange, pink and a few unique self colors. Bushy plants about 2 ft. in height. Tr. Pkt. (1/16 oz.) 40¢; 1/4 oz. 75¢; 1 oz. \$2.50.

GIANT CACTUS FLOWERED ZINNIAS 3120 S. 2 to 3 ft. Quilled and ruffled petals.

Bodger's Modern Times Zinnias Recently introduced Cactus flowered varieties in new colors.

Cherry Time Shades of cherry, cerise and spiraea red. Very intense coloring.

Lilac Time Shades of rosy lilac.

Pride of Dieldrin A vivid combination of golden orange and scarlet flame.

Snow Time Nearest to white of any cactus flowered zinnia. Full-size plants.

Dark Jewels Mixed A formula mixture of cactus flowered zinnias with emphasis on the intense dark colors with a bit of Snow Time for emphasis.

Above "Modern Times": Tr. Pkt. 35¢; 1/4 oz. 55¢; 1 oz. \$1.80; 4 ozs. \$6.80.

Other Cactus Flowered Varieties

Blaze Bright flame orange with twisted flat petals. Tr. Pkt. 35¢; 1/4 oz. 55¢; 1 oz. \$1.80; 4 ozs. \$6.80.

Riverside Beauty Glowing salmon pink.

Sunny Boy Buttercup yellow

Above 2: Tr. Pkt. 35¢; 1/4 oz. 55¢; 1 oz. \$1.80; 4 ozs. \$6.80.

Floradale Scarlet Vibrant red with twisted petals. Tr. Pkt. 30¢; 1/4 oz. 50¢; 1 oz. \$1.60; 4 ozs. \$5.80.

Burpee Hybrids A mixture of cactus flowered types with mainly pastel colors and color combinations.

Finest Mixed Wide color range in a formulated blend.

Above 2 Mixtures: Tr. Pkt. 25¢; 1/4 oz. 40¢; 1 oz. \$1.25; 4 ozs. \$4.00.

Ice Cream Improved Large ruffled blooms in a distinct cream color that goes well with other colors. Tr. Pkt. 35¢; 1/4 oz. 55¢; 1 oz. \$1.80; 4 ozs. \$6.80.

ZINNIA PJMILA DWARF DOUBLE (Cut and Come Again) 4170 S. Early cut flower intermediate between Giants and Lilliputs. 2 - 2 1/2 ft.

Canary Yellow; Crimson; Golden Orange; Pinkie; Salmon Rose; Scarlet; Snowball; Tangerine strong orange-red; Sunshine Tints; Choice Mixed.

Tr. Pkt. 25¢; 1/4 oz. 50¢; 1 oz. \$1.50; 4 ozs. \$5.20.



## MISCELLANEOUS ZINNIAS

Treasure Island An F 3 hybrid mixture of Cactus flowered types in shades of red, orange and pure yellow. Tr. Pkt. (1/16 oz.) 40¢; 1/4 oz. 75¢; 1 oz. \$2.50.

Plus-X An F 3 Cactus flowered strain with all colors present. Tr. Pkt. (1/16 oz.) 40¢; 1/4 oz. 75¢; 1 oz. \$2.50.

Ortho Polka Mixed A giant Peppermint Stick with flowers double the size. Larger and more vigorous plants. Colors bright and varied with striping in 70% of the blooms. Tr. Pkt. 35¢; 1/4 oz. 75¢; 1 oz. \$2.25; 4 ozs. \$7.00.

Persian Carpet (Haageana Double) 1 ft. 22,000 S. per oz. Full double ball shaped flowers in a wide range of variegated color combinations. Shades of gold, bronze and orange. Tr. Pkt. 40¢; 1/4 oz. \$1.20; 1 oz. \$3.90.

Luther Burbank Mixture 3 ft. Interesting pastel shades. Tr. Pkt. 25¢; 1/4 oz. 50¢; 1 oz. \$1.50

David Burpee Blend Blend of giant type zinnias in pastel colors and combinations. Tr. Pkt. 25¢; 1/4 oz. 50¢; 1 oz. \$1.50.

Zinnia Old Mexico Silver Medal Winner 1962 All-America Selection. A tetraploid with an average plant height of 12 to 15 ins. Blooms average 2 1/2 ins. across and

are sharply bi-color, with the main petal area a deep mahogany red and with the petal edges and tips overlaid with shades of gold. Free blooming and vigorous. Good tolerance to powdery mildew and other foliage diseases. 8200 S. per oz. Tr. Pkt. (1/16 oz) 90¢; 1/8 oz. \$1.75; 1/4 oz. \$3.00; 1 oz. \$10.50.

State Fair Formula Blend Giant flowered tetraploid with wider color range and extra vigor and flower size. Tr. Pkt. (1/16 oz.) 30¢; 1/4 oz. 80¢; 1 oz. \$2.40; 4 ozs. \$8.00.

Merry-Go-Round Cactus and semi-cactus type blooms 3 - 4 ins. across on 12 to 18 inch plants. About half the plants bear distinct bi-color blooms with the outer zone in contrast to the center. Tr. Pkt. (1/16 oz.) 75¢; 1/8 oz. \$1.25; 1/4 oz. \$2.00; 1 oz. \$6.00.

Miss Universe Mixed A semi-cactus type with full color range and with bushier more compact plant habit. Tr. Pkt (1/16 oz.) 40¢; 1/4 oz. \$1.25; 1 oz. \$3.75; 4 ozs. \$12.50.

Apache Snowflakes A dwarf hardy perennial. The 6-8 inch tall plants are perfect mounds of snowy white flowers. (15,000 S. per oz.) Tr. Pkt. \$1.25; 1/16 oz. \$2.00; 1/8 oz. \$3.50; 1/4 oz. \$6.00.

ZINNIA IMPROVED LILLIPUT 4800 S. 1 1/2 - 2 ft. tall. Flowers are small and compact on strong stems. Very popular for cutting.

Canary Gem canary yellow; Golden Gem; Golden orange; Lilac Gem; Mahogany Gem; Pink Gem; Purple Gem; Rosebud Rose pink; Salmon Gem; Scarlet Gem; Valencia burnt orange; White Gem; Pastel Mixture; Finest Mixed from named varieties.

Tr. Pkt. 25¢; 1/4 oz. 40¢; 1 oz. \$1.25; 4 ozs. \$4.00.

ZINNIA CUPID 5000 S. Dwarf compact little plants bearing quantities of button flowers smaller than the Lilliput type. Edging and pots. Tr. Pkt. 35¢; 1/4 oz. 75¢; 1 oz. \$2.25; 4 ozs. \$7.00.

ZINNIA TOM THUMB Plants 8 to 10"; compact. Lilliput-type blooms. Mixed Tr. Pkt. Tr. Pkt. 35¢; 1/4 oz. 75¢; 1 oz. \$2.25. 4 ozs. \$7.00.





# PERENNIALS AND BIENNIALS

Most perennials germinate better in the cool temperatures of spring. By starting early most will be saleable the following spring. Valuable to the grower not only for plant sales but many are suitable for cutting.

## ACHILLEA

eupatorium (filipendula) Cloth of Gold 220,000 S. 4 ft. Flat heads of bright yellow flowers; finely cut foliage.

millefolium roseum Rose pink flowers in dense heads; 2 ft. high.

ptarmica The Pearl Pure white pompon-like double and semi double blooms. 2 ft. Good for cutting. 160,000 S.

Above: Tr. Pkt. 25¢; 1/8 oz. 60¢; 1/4 oz. \$1.00.

## ACONITUM (Monkshood) 8,400 S. Freeze seeds.

Napellus. Dark blue, 3 1/2 ft.

fischeri Light blue, 3 ft.

lycoctonum Pale yellow

Above 3: Tr. Pkt. (1/16 oz.) 40¢; 1/8 oz. 70¢; 1/4 oz. \$1.20

## AGAPANTHUS African Lily Suitable for pots or tubs.

Giant Blue Tr. Pkt. 50¢; 1/4 oz. \$1.50.

## AGATHAEA (Blue Daisy)

coelestis 18 ins. Pretty pale blue daisy-like flowers. Half-hardy perennial.

Tr. Pkt. 25¢; 1/8 oz. 40¢; 1/4 oz. 70¢; 1 oz. \$2.40



**PERENNIAL ALYSSUM** 28,000 S. Very showy perennials with yellow flowers borne in profusion and foliage with more or less of silvery pubescence. Suited for dry sunny banks, rockeries.

Saxatile compactum (Basket-of-gold) Golden yellow. 9" Tr. Pkt. 20¢; 1/4 oz. 30¢; 1 oz. 75¢; 4 ozs. \$2.25.

Saxatile compactum Silver Queen Similar but with primrose yellow flowers. Mix well with pastel colors. Tr. Pkt. 40¢; 1/8 oz. 70¢; 1/4 oz. \$1.25; 1 oz. \$4.00.

**AMPELOPSIS Veitchi** (Boston Ivy) Tr. Pkt. 20¢; 1/4 oz. 35¢; 1 oz. \$1.00

**ANEMONE** 30,000 S

Pulsatilla (Pasque Flower) Violet cups 2 1/2 ins. across on plants 12-14" high that are covered with long silky hairs. Sunny dry location.

Pulsatilla alba White flowers. These 2: Tr. Pkt. (1/16 oz.) 45¢; 1/8 oz. 75¢; 1/4 oz. \$1.40.

Patens ludoviciana (Windflower) Native American equivalent of A. Pulsatilla. Tr. Pkt. (1/16 oz.) 60¢; 1/8 oz. \$1.00

Occidentalis (Chalice Cup) Glistening white flowers with conspicuous center zone of yellow stamens and chartreuse pistils. Foliage covered with long silky hairs. Native sub-alpine western American. Tr. Pkt (1/32 oz.) 50¢.

Coronaria St. Brigid Mixed Enormous blooms with great variety of striking colors; double and semi-double. 18". Tr. Pkt. (1/16 oz.) 35¢; 1/8 oz. 55¢; 1/4 oz. 80¢; 1 oz. \$2.90

DeCaen or Giant French Single Mixed. Tr. Pkt. (1/16 oz.) 40¢; 1/8 oz. 70¢; 1/4 oz. \$1.25.

## **AQUILEGIA-COLUMBINE**

**AQUILEGIA** (Columbine) 17,000 S. Popular, rather short-lived perennials for outdoor border. Suitable for cutting either grown outdoors or for forcing. Field plants must have a full years growth before they are forced, starting at low temperatures in February and increasing to 50.

Long Spurred Hybrids: Blue Shades White and shades of blue; Copper Queen Deep coppery red; Orange and Scarlet Shades; Pink Shades Pale pink to deep rose; Crimson Star Very showy ruby red and white; Snow Queen Huge snowy white blooms on 3 ft. uniform plants; Chrysantha Golden yellow;

Above varieties: Tr. Pkt. (1/32 oz.) 40¢; 1/16 oz. 60¢; 1/8 oz. \$1.00; 1/4 oz. \$1.80; 1 oz. \$5.60.

Long-Spurred Mrs. Nichols Large flowered rich blue. Tr. Pkt. 50¢; 1/8 oz. \$1.50; 1/4 oz. \$2.75; 1 oz. \$8.60.

Mrs. Scott Elliott Mixed 2 1/2 ft. An excellent mixture that tends toward the pastel colors.

McLaughlin's Long Spurred Mixed A superior strain, improved in regard to uniformity flower size and color range. 3 ft.

Above 2: Tr. Pkt. (1/16 oz.) 30¢; 1/8 oz. 55¢; 1/4 oz. \$1.00; 1 oz. \$3.70

McKana Long Spurred Giants Mixed Very long-spurred; some plants bear blooms of huge size. Color range is fairly complete but with emphasis on pastels. Tr. Pkt. (1/32 oz.) 40¢; 1/16 oz. 60¢; 1/8 oz. \$1.00; 1/4 oz. \$1.80; 1 oz. \$5.60

Longissima Delicate pale yellow; spurs often 4 ins. long.

Longissima Hybrids Very long spurs; many colors. These 2: Tr. Pkt. (1/32 oz.) 60¢; 1/16 oz. \$1.10; 1/8 oz. \$2.10.

Clematiflora Mixed (Clematis flowered). A high percentage of the plants bear spurless clematis-like flowers in a very wide color range. A charming and very different type of columbine, excellent for cutting. Tr. Pkt. (1/32 oz.) 60¢; 1/16 oz. \$1.10; 1/8 oz. \$2.10.

Hensol Harebell Dwarf habit; lovely violet blue. Tr. Pkt. (1/32 oz.) 60¢; 1/16 oz. \$1.10.





ANCHUSA Freeze and thaw seed alternately for several days before sowing or sow in fall outdoors.

Italica Dropmore 1200 S. Large blue flowers in drooping sprays. 5 ft.

Italica Lissadel Same but with gentian-blue flowers. Either: Tr. Pkt. 20¢; 1 oz. 80¢; 4 ozs. \$3.00

Myosotidiflora A very fine early spring blooming perennial forget-me-not 1 ft. high with brilliant blue flowers in great profusion and with large heart-shaped leaves. Well-adapted to partial shade. 10,000 S. Tr. Pkt. (1/32 oz.) 35¢; 1/16 oz. 60¢; 1/8 oz. 95¢; 1/4 oz. \$1.70; 1 oz. \$6.40.

#### ANTHEMIS

Kelwayi (Yellow Marguerite) 85,000 S. Yellow daisies on plants 3 ft. high with finely cut foliage produced throughout summer. Tr. Pkt. 20¢; 1/4 oz. 25¢; 1 oz. 90¢

Sancti Johannis Brilliant orange flowers; 2 ft. 45,000 S. Tr. Pkt. (1/16 oz. 25¢; 1/4 oz. 70¢; 1 oz. \$2.60.

ARABIS (Rock Cress) 160,000 S. Very early spring blooming perennials suitable for rockeries, banks and for planting with early-flowering spring bulbs.

Alpina White 12 ins. Tr. Pkt. 20¢; 1/4 oz. 30¢; 1 oz. \$1.20.

Rosea grandiflora Delicate pale pink. Tr. Pkt. 30¢; 1/8 oz. 55¢; 1/4 oz. 90¢; 1 oz. \$3.50

Alpina Snowcap Shining snow white; very compact, 8". Tr. Pkt. 25¢; 1/4 oz. 70¢; 1 oz. \$2.40.

Alpina Spring Charm Carmine flowers; dwarf bushy habit. Tr. Pkt. (1/32 oz.) 60¢; 1/16 oz. \$1.10; 1/8 oz. \$2.10; 1/4 oz. \$4.00

ARMERIA (Sea Pink) 12,000 S.

Large Flowered Mixed (Formosa) 1 1/2 ft. Shades of pink, rose, coral, lilac in a ball-shaped inflorescence atop slender wiry stems. Border and cutting. Tr. Pkt. 20¢; 1/8 oz. 35¢; 1/4 oz. 60¢; 1 oz. \$2.00.

Giant Rose Pink Huge balls up to 1 3/4" across on 2 ft. stems. Blooms all summer. Tr. Pkt. 60¢; 1/16 oz. \$1.10; 1/8 oz. \$2.00; 1/4 oz. \$3.60

ASCLEPIAS tuberosa 4,000 S. 3 ft. Showy orange flowers. Wants good drainage. Freeze before sowing or sow outdoors in fall. Tr. Pkt. 30¢; 1/8 oz. 60¢; 1/4 oz. \$1.10; 1 oz. \$3.80.

PERENNIAL ASTERS 18,500 S.

Aster alpinus 12-14" 1 1/2" daisies borne in profusion on the compact plants. Mixed lavender, blue and white. Tr. Pkt. 35¢; 1/4 oz. 90¢; 1 oz. \$3.40.



Aster Alpinus

Alpinus Blue Lavender-blue; Dark Beauty Violet; Goliath Lilac, large-flowered  
These 3: Tr. Pkt. (1/16 oz.) 50¢; 1/8 oz. 90¢; 1/4 oz. \$1.70; 1 oz. \$6.50.

Wartburg Star (subcoeruleus) Lavender-blue. Border and cutting. Tr. Pkt. (1/16 oz.)  
85¢; 1/8 oz. \$1.60; 1/4 oz. \$3.00; 1 oz. \$11.00

Amellus Mixed 30". Blue, rose, lavender, violet. Amellus Rudolf Goethe lavender,  
1 1/2 ft.; Amellus Schone von Ronsdorf Rosy lilac. These 3: Tr. Pkt. (1/32 oz.) 90¢;  
1/16 oz. \$1.70; 1/8 oz. \$3.25; 1/4 oz. \$6.25; 1 oz. \$12.20.

Perennial Dwarf Species Mixed Many types and colors; 12 to 30". Tr. Pkt. (1/32 oz.)  
90¢; 1/16 oz. \$1.70; 1/8 oz. \$3.25.

Perennial Cut flower varieties (Michaelmas Daisy) Mixed 4 ft. Fall flowering. Tr. Pkt.  
40¢; 1/8 oz. \$1.00; 1/4 oz. \$1.80; 1 oz. \$6.80.

ASTILBE Arendsi Dark Red Spiraea-like plants 18" high. Large shory panicle borne above  
foliage. Tr. Pkt. \$1.00; 1/32 oz. \$2.00

AUBRIETIA (Rainbow Rock Cress) Low-growing carpeting plants that bloom in early spring  
in a color range from rose-pink through carmine to lilac, violet, purple and violet-blue  
Foliage similar to Arabis is white-pubescent. Suitable for rockeries, banks and well-  
drained sunny borders as an edging. Wants good drainage. 140,000 S.

Semi-double Choice Mixed Produces a good percentage of large double and semi-double  
flowers; extra large flowered. Wide color range. Tr. Pkt. 45¢; 1/8 oz. \$1.25; 1/4 oz.  
\$2.25; 1 oz. \$8.40.

Large Flowered Hybrids Many colors. Tr. Pkt. 40¢; 1/4 oz. \$1.20 1 oz. \$3.60

Manon Large Flowered Mixed A remarkable improvement of the common type. Height  
4". Very large round-shaped flowers in a brilliant mixture of bright lavender, pur-  
ple and carmine-red colors. Tr. Pkt. 50¢; 1/4 oz. \$1.50; 1 oz. \$5.20

Graeca lilac-lavender, compact dwarf habit; Hendersoni Large flowering lilac-blue,  
vigorous; Leichtlinii Carmine-rose changing to rose-pink; Whitewell Gem Purplish-  
violet. Tr. Pkt. 40¢; 1/8 oz. 70¢; 1/4 oz. \$1.20; 1 oz. \$3.60.

BAPTISIA australis (False Indigo) 1600 S. Hardy perennial with deep blue pea-shaped  
flowers. 3 ft. Tr. Pkt. 30¢; 1/4 oz. 50¢; 1 oz. \$1.90.

BELLIS perennis (English Daisy) 140,000 S. Popular spring-flowering bedding plants  
8 - 10 " high. Commonly grown as an annual like pansies.

Monstrosa Double 2 inch flowers on stems 6-8" high. Crimson; Rose; White; Mixed  
Tr. Pkt. 35¢; 1/8 oz. 60¢; 1/4 oz. \$1.10; 1 oz. \$4.00.

Super Enorma Ball-shaped fully double flowers 2 1/2 to 3" across. During later bloom-  
ing period flowers become somewhat smaller. Crimson Ball; Rose Ball; Salmon Ball;  
White Ball; Super Enorma Mixed. Tr. Pkt. 40¢; 1/8 oz. 95¢; 1/4 oz. \$1.65; 1 oz.  
\$6.20.

Miniature Double Button-Type Tiny button-like fully double flowers with quilled  
petals. Blooms cover the dwarf, small-leaved plants. Red Buttons; Pink Buttons;  
White Buttons; Buttons Mixed. Tr. Pkt. (1/32 oz.) 75¢; 1/16 oz. \$1.40; 1/8 oz.  
\$2.60; 1/4 oz. \$5.00.

BOLTONIA latisquama 4 ft. 1 inch lilac pink daisies in late summer. Tr. Pkt. 35¢; 1/8  
oz. 60¢; 1/4 oz. \$1.00; 1 oz. \$3.40.

BROOM (Cytisus) 4-6 ft. Mixed Plants with pea-like flowers in various colors borne  
freely over the bushy plant. More or less winter-hardy. Flowers second season from  
seed. 5,000 S. Tr. Pkt. (1/16 oz.) 50¢; 1/8 oz. 90¢; 1/4 oz. \$1.65; 1 oz. \$6.00.

BOCCONIA Japonica 6 ft. A handsome border plant with creamy white flowers. Tr. Pkt.  
50¢; 1/8 oz. 90¢; 1/4 oz. \$1.70; 1 oz. \$6.00.



## CANTERBURY BELLS



CAMPANULA MEDIUM (Canterbury Bells) 130,000 S. Biennial. 3 ft.

Calycanthemum (Cup and Saucer) Lilac; Rose; Violet (Blue); White; Mixed 9 Tr. Pkt. 25¢; 1/8 oz. 45¢; 1/4 oz. 75¢; 1 oz. \$2.40

Single Lilac; Rose; Violet (Blue); White; Mixed. Tr. Pkt. 20¢; 1/4 oz. 30¢; 1 oz. 90¢

Double Blue; White; Rose; Mixed. Tr. Pkt. 30¢; 1/8 oz. 45¢; 1/4 oz. 60¢; 1 oz. \$2.00

Dwarf Bedding Mixed About 20" high and 3 ft. in diameter

Dwarf Bedding Mixed About 20" high and 1 ft. in diameter. Very floriferous. Tr. Pkt. 40¢; 1/8 oz. 70¢; 1/4 oz. \$1.20; 1 oz. \$4.00.

CAMPANULA PERSICIFOLIA (Peach Bell) 320,000 S. Erect spikes of blue, silvery blue or white cup-shaped flowers. 30". Blue; White; Mixed. Tr. Pkt. 30¢; 1/8 oz. 55¢; 1/4 oz. 90¢; 1 oz. \$3.20.

Lavender Queen Very large flowers; Telham Beauty China blue, silvery shading. These 2: Tr. Pkt. 40¢; 1/8 oz. 70¢; 1/4 oz. \$1.20

CAMPANULA PYRAMIDALIS (Chimney Campanula)

Blue; White Mixed. 5 ft. Tr. Pkt. 30¢; 1/8 oz. 50¢; 1/4 oz. 90¢; 1 oz. \$3.20

Compacta More dwarf and compact form. Blue; White; Mixed. Tr. Pkt. 40¢; 1/8 oz. 70¢; 1/4 oz. \$1.20.

CAMPANULA GLOMERATA SUPERBA Dark violet-blue in large clusters. 18" Tr. Pkt. 50¢; 1/16 oz. 80¢; 1/8 oz. \$1.50; 1/4 oz. \$2.80.

ROCK GARDEN CAMPANULAS Low-growing types 350,000 - 600,000 S.

Caespitosa (pusilla) Blue; White; Mixed Charming tiny bells borne in great profusion 6". Tr. Pkt. 50¢; 1/128 oz. \$2.50.

Carpatica Blue; White; Mixed. Tr. Pkt. 25¢; 1/8 oz. 50¢; 1/4 oz. 90¢; 1 oz. \$3.00

Dwarf Hybrids Mixed Tr. Pkt. 35¢; 1/8 oz. 70¢; 1/4 oz. \$1.25

Collina 8" Masses of purple bells Tr. Pkt. 50¢; 1/16 oz. 75¢; 1/8 oz. \$1.20

Fragilis (Blue Star of Bethlehem) Light blue, long flowering branches. Tr. Pkt. 50¢; 1/16 oz. \$1.00

Garganica Major Trailing; covered with light blue star-like flowers. Tr. Pkt. 50¢; 1/32 oz. \$1.20

Raineri (Alpine Bells) 4". Light blue bells. Tr. Pkt. 50¢; 1/32 oz. \$1.75.

Rotundifolia olympica (Hairbell; Blue Bell of Scotland) 12" Clumps of slender stems bear mid-blue bells. Tr. Pkt. 50¢; 1/16 oz. 90¢; 1/8 oz. \$1.60; 1/4 oz. \$3.00

Rock Garden Mixture Mixture of low-growing varieties. Tr. Pkt. 50¢; 1/16 oz. 75¢

Barbata Mid-blue bells; 8". Tr. Pkt. 50¢; 1/8 oz. 80¢; 1/4 oz. \$1.25

Glomerata acaulis Clustered violet bells on 8 inch stems.



BROOM (Cytisus) 4-6 ft. Mixed Plants with pea-like flowers in various colors borne freely over the bushy plant. Flowers second season from seed. Seed should be inoculated with an all-purpose culture before sowing. 5,000, S. Tr. Pkt. (1/16 oz.) 50¢; 1/8 oz. 90¢; 1/4 oz. \$1.65; 1 oz. \$6.00

CALLIRHOE involucrata (Poppy Mallow) Low-growing plants spreading from a central tap root to form a mat 3 ft. across. Deep rose cups 1 1/2 ins. across with white center are borne all summer. Excellent for sunny bank or rockery. Tr. Pkt. (1/16 oz) 60¢; 1/8 oz. \$1.10; 1/4 oz. \$2.10 1 oz. \$7.50.

CALLUNA Vulgaris (Erica) Heather Tr. Pkt. 25¢; 1/4 oz. 40¢; 1 oz. \$1.40

CAMELLIA Japonica Double 25Seeds \$1.00; 100 Seeds \$3.50; 1000 Seeds \$24.00

CANDYTUFT (Iberis) 11,000 S. Early summer blooming showy perennials for border or rockery.

Gibraltarica 12" high. Lavender-pink flowers. Tr. Pkt. 20¢; 1/4 oz. 35¢; 1 oz \$1.20.

Sempervirens 12-14" Dark shining green foliage covered with a sheet of white flowers in May. Tr. Pkt. 35¢; 1/4 oz. \$1.00; 1 oz. \$3.20.

Jucunda Very dwarf, pink flowers. Tr. Pkt. 50¢

## HARDY CARNATIONS

HARDY CARNATIONS 15,000 S.

Grenadin Blooms slightly smaller than Chabaud but much more profusely borne  
Stiff stems. When wintered over these are the earliest to bloom in the spring.  
Stiff stems. When wintered over these  
Stiff stems, When wintered over these are the earliest to bloom in the spring.  
Height 20 ins.

Black King Maroon; Cardinal Red Scarlet red; Golden Sun Yellow; Snow White;  
Triumph Deep pink; Tr. Pkt. 50¢; 1/8 oz.

Triumph Deep pink; Tr. Pkt. 40¢; 1/8 oz. 70¢; 1/4 oz. \$1.30; 1 oz. \$4.80

Choice Mixed Tr. Pkt. 40¢; 1/8 oz. 55¢; 1/4 oz.

Choice Mixed Tr. Pkt. 35¢; 1/8 oz. 60¢; 1/4 oz. \$1.15; 1 oz. \$4.20.

Grenadin Dwarf Extra Early 15 ins.

Bright Scarlet; Copper Red; Othello Maroon; Rose; Salmon Rose; White; Choice  
Mixed Tr. Pkt. 45¢; 1/8 oz. 80¢; 1/4 oz. \$1.50; 1 oz. \$5.40.

Iron Stem Mixed 24" A hardy border carnation with large blooms and stiff stems.  
Tr. Pkt. \$1.00; 1/8 oz. \$1.75; 1/4 oz. \$3.00.

## PERENNIAL CENTAUREAS

Candidissima (Dusty Miller) 18", Yellow; silvery foliage. Tr. Pkt. 40¢; 1/8 oz. 65¢; 1/4 oz. \$1.20.

Dealbata Rose 2 ft. Rose-pink. Single row of guard petals with lighter colored, pin cushion-like center. Tr. Pkt. 25¢; 1/4 oz. 40¢; 1 oz. \$1.40

Gymnocarpa Lavender; silvery foliage 2 ft. Tr. Pkt. 25¢; 1/4 oz. 40¢; 1 oz. \$1.40.

Macrocephala Golden yellow blooms; 3 1/2 ft. high. Tr. Pkt. 25¢; 1/4 oz. 40¢; 1 oz. \$1.40.

Montana 24" Lavender-blue flowers. Tr. Pkt. 25¢; 1/4 oz. 40¢; 1 oz. \$1.40.

Ruthenica Tall deep sulphur-yellow. 4 ft. Tr. Pkt. 40¢; 1/4 oz. 70¢; 1 oz. \$2.40.



## Carnations

**Earliest Dwarf Vienna**  
(Grenadin Dwarf), 14 inches



CATANANCHE coerulea 36" Lavender blue; fine for cutting. Tr. Pkt. 25¢; 1/4 oz. 70¢; 1 oz. \$2.40.

CERASTIUM 38,000 S.

Tomentosum (biebersteinii) Snow in Summer. White flowers; silver-grey foliage 16 ins. Tr. Pkt. 20¢; 1/4 oz. 50¢; 1 oz. \$1.50.

Tomentosum columnae (Silver Carpet) White flowers in profusion; white leaves. 8 ins. Tr. Pkt. 40¢ 1/8 oz. \$1.00; 1/4 oz. \$1.90; 1 oz. \$7.50.

CHEIRANTHUS Siberian Wallflower 21,000 S. 16 ins. Best in cool climates

Allionii Orange; Allionii Golden Bedder Deep golden yellow. Tr. Pkt. 20¢; 1/4 oz. 30¢; 1 oz. 75¢; 4 ozs. \$2.50.

Linifolius Lilac Tr. Pkt. 30¢; 1/4 oz. 50¢; 1 oz. \$1.60.

CHELONE See Penstemon

CHRYSANTHEMUM Korean Hybrids Fine mixture of single and semi-double flowers Color range includes yellow to deep bronze and pale pink to crimson. Tr. Pkt. \$1.00; 1/8 oz. \$1.90; 1/4 oz. \$3.75.

CHRYSANTHEMUM LEUCANTHEMUM See Daisy, Shasta

CLEMATIS Hardy climber. Very slow germinating; may take up to 2 years.

Paniculata White; 8 ft. Tr. Pkt. 40¢; 1/8 oz. 65¢; 1/4 oz. \$1.20.

Blend Wide color range. Tr. Pkt. 75¢.

COREOPSIS 11,000 S. 2 ft. Golden yellow flowers suitable for cutting. A good border plant that blooms through the summer.

Mayfield Giant Large single flowers; Sunburst Semi-double 2 inch blooms. Either: Tr. Pkt. 20¢; 1/4 oz. 30¢; 1 oz. 90¢.

CORYDALIS lutea Yellow tubular flowers. 9". Freeze seed. Tr. Pkt. 50¢; 1/8 oz. 90¢.

CRUCIANELLA Stylosa Bright rose, mallow type bloom. 7". Tr. Pkt. 45¢; 1/8 oz. 80¢; 1/4 oz. \$1.50.



HARDY CYCLAMEN Charming perennials for shady location with soil well-drained and rich in humus. Seedlings are best carried over the first winter indoors. Summer-blooming; various species bloom at different times.  
Neapolitanum Ruby red or white flowers on 9" stems. Late summer blooming. This is the hardiest and easiest to grow. Red; White; Mixed 100 S. 90¢; 250 S. \$2.00.  
Hederaefolium (europaeum) purple and white. 25 S. \$1.00.

DAISY, ENGLISH - See Bellis

## SHASTA DAISY

SHASTA DAISY (Chrysanthemum Maximum) Single, semi-double, double and crested type of blooms occur. Very popular and useful perennials with white daisy-type blooms. Border and cutting. The best seedlings can be propagated by division. 18,000 S.

Alaska The standard white. Blooms 4 to 5 ins. across. Tr. Pkt. 20¢; 1/4 oz. 35¢; 1 oz. \$1.20.

Diener's Double Giant 5" semi-double white blooms. Plants 2 1/2 ft. Tr. Pkt. 50¢; 1/16 oz. 80¢; 1/8 oz. \$1.40; 1/4 oz. \$2.60; 1 oz. \$8.50.

G. Marconi Double Giant White Very large flowered and long-stemmed. Tr. Pkt. 50¢; 1/8 oz. \$1.60; 1/4 oz. \$3.00; 1 oz. \$9.00

Polaris Enormous single blooms up to 7" across on base-branching stems. 4 ft. Tr. Pkt. 50¢; 1/8 oz. \$1.60; 1/4 oz. \$3.00; 1 oz. \$9.00.

## DELPHINIUM

10,000 S. per oz. For spring sale of plants; for summer cutting and for forcing for spring cutting. The Giant Pacific Strain is somewhat less hardy as an outdoor perennial and is best if a three year succession is planned. This magnificent strain is certainly worth any trouble. Some of the types with more slender spikes are often preferred for arrangements.

DELPHINIUM CHINENSIS Will bloom the first year if sown early.

Azure Fairy Azure Blue 8 ins. Blue Butterfly Improved Ultramarine blue, 8 ins. Blue Mirror Navy blue spurless flower; 12 ins.; Cambridge Blue Belladonna blue 2 ft.; White 2 ft. Mixed. Tr. Pkt. 50¢; 1/8 oz. \$1.00; 1/4 oz. \$1.80; 1 oz. \$5.50.

### BELLADONNA TYPE

Belladonna Improved (Clivedon Beauty) Clear light blue, large flowered.

Bellamosum Improved Clear large deep blue flowers, uniform in color.

Lamartine Gentian blue with cream center.

Sapphire Lighter than Bellamosum, golden bee.

Above: Tr. Pkt. 65¢; 1/8 oz. \$1.20; 1/4 oz. \$2.20; 1 oz. \$7.20.

Belladonna True Light blue; Bellamosum Dark blue; Belladonna Hybrids A balanced mixture. These 3: Tr. Pkt. 50¢; 1/8 oz. \$1.00; 1/4 oz. \$1.80; 1 oz. \$5.50.

WREXHAM TYPE 5 ft. Hollyhock Strain

Choice Mixed Tr. Pkt. 90¢; 1/8 oz. \$1.75; 1/4 oz. \$3.00; 1 oz. \$9.50

### BLACKMORE AND LANGDON TYPE

Choice Mixed Tr. Pkt. 50¢; 1/8 oz. \$1.00; 1/4 oz. \$1.80; 1 oz. \$5.50

### GOLD MEDAL HYBRIDS

Choice Mixed 35¢; 1/8 oz. 60¢; 1/4 oz. \$1.00; 1 oz. \$3.20.





## DELPHINIUM PACIFIC GIANTS

PACIFIC GIANT STRAIN Flowers 2 1/2 to 3 1/2 ins. in diameter, beautifully spaced on well-balanced spikes. Thin, woody stems. Comparatively mildew resistant.

Astolat Series Pale blush, lilac pink, deep raspberry rose in variety with brown fawn and black bees.

Black Knight Series Dark Blue, dark bee

Black Knight Series Dark blue, dark bee

Blue Bird Series Clear medium blue (white bee)

Blue Jay Series (Clear medium blue, dark bee

Cameliard Series Pure lavender, white bee

Galahad Series Giant glistening white, white bee

Guinevere Series Light pinkish lavender, white bee

King Arthur Series Dark violet, white bee

Lancelot Series Clear lilac self, white bee

Percival Series White, black or striped bee

Summer Skies Series Clear light blue, white bee

Round Table Series A formula blend plus some segregating hybrids from breeding work to provide unusual combinations.

Above: Grown from originator's cross-pollinated seed: Tr. Pkt. \$1.25; 1/8 oz. \$2.50; 1/4 oz. \$4.50; 1 oz. \$15.00.

Regular Field Grown Mixture (not grown as separate colors and blended) Grown from originator's stock seed. Tr. Pkt. 90¢; 1/8 oz. \$1.75; 1/4 oz. \$3.00; 1 oz. \$9.50.

DICENTRA Bleeding Heart Freeze seed before sowing or sow outside in fall  
Spectabilis Common Bleeding Heart 6,000 S. Tr. Pkt. 75¢; 1/32 oz. \$1.35;  
1/16 oz. \$2.50; 1/8 oz. \$4.50

Eximia Plume Bleeding Heart. Rose pink flowers, deeply cut foliage. 12".  
Tr. Pkt. 50¢; 1/4 oz. \$1.50; 1 oz. \$4.50.

Hybrids Seeds from plants that are crosses between dwarf species. Considerable variation in foliage and in flower color may be expected. Tr. Pkt. 60¢.





## DIANTHUS PERENNIAL PINKS

*Dianthus Plumarius*

Perennial pinks are valuable for rockery and border plantings. They include the Clove Pink with its many variants and its appealing "clove" fragrance, Sweet William (*Dianthus barbatus*) and many distinct species with their horticultural varieties. The forms of *D. plumarius* are weak perennials and are not long-lived. Sweet William is biennial. Pinks are easily grown from seed and bloom the second year. Most types have 26,000 to 28,000 S. per oz.

Alwoodii Reselected A cross between Carnation and Pink. Very free-flowering; Various colors and combinations. Tr. Pkt. 35¢; 1/8 oz. 90¢; 1/4 oz. \$1.60.

Alwoodii Delight Dwarf, free-flowering with wide color range. Originator's Packet 60¢

Caesius grandiflorus Cheddar Pink Dense prostrate mats of blue-grey with quantities of deep rose-pink flowers, usually fringed, on stems 4 - 6 ins. high.

Very fragrant. Tr. Pkt. 30¢; 1/8 oz. 50¢; 1/4 oz. 90¢.

Caesius Splendens Purple form. Tr. Pkt. 50¢; 1/8 oz. \$1.00; 1/4 oz. \$1.85.

Caesius Double Rose Very compact. Tr. Pkt. \$1.00; 1/32 oz. \$1.90.

Deltoides (Maiden Pink) Flowers about 1/2 inch across are of brilliant coloring and are borne in profusion 8 inches above the dense compact foliage mat that attains 6 inches in diameter. Blooms with later tulips.

erecta Carmine-rose; erecta pure white Either: Tr. Pkt 25¢; 1/8 oz. 60¢; 1/4 oz. \$1.10; 1 oz. \$3.60.

Glacialis (neglectus) An attractive dwarf species forming a dense tuft of foliage with leaves that are broad and glossy. The large bright pink flowers are borne singly on short stems. Tr. Pkt. \$1.00.

Knappi Clear yellow flowers are borne in clusters at top of stem. Tr. Pkt. 50¢

Plumarius (Clove Pink) Highland Hybrids Many bright colors and interesting zonations. 15" Tr. Pkt. 30¢; 1/8 oz. 60¢; 1/4 oz. \$1.00; 1 oz. \$3.00

Plumarius Spring Beauty 16" This strain has been improved in regard to earliness doubleness and type of flower. Lacinated flowers are in shades of salmon rose, red and violet, white, lilac and pink. Double Rose; Double White; Double M Mixed. Tr. Pkt. 35¢; 1/8 oz. 70¢; 1/4 oz. \$1.20; 1 oz. \$4.25.

Plumarius English Pinks (Ballad) 12" Reselected strain is earlier, more fully double and of increased flower size. The lightly lacinated flowers are of full color range and all have zones of darker color. Tr. Pkt. 75¢; 1/8 oz. \$1.50; 1/4 oz. \$2.85; 1 oz. \$10.00.

Plumarius Little Jock Hybrids Dwarf compact fringed flowers. Various tints of pink and rose with deep zone. Tr. Pkt. 75¢; 1/8 oz. \$1.50; 1/4 oz. \$2.85

Plumarius Mayflower Dwarf, compact 10 ins. Fringed flowers in shades of pink and rose. Tr. Pkt. 35¢; 1/8 oz. \$1.00; 1/4 oz. \$2.00; 1 oz. \$6.00.

Superbus White Lace Large pure white fragrant flowers deeply lacinated. Tr. Pkt. 50¢; 1/8 oz. \$1.10.

Winteri 10 - 12" Large bold scented flowers, well-zoned. Neat tufted foliage. Tr. Pkt. 40¢; 1/8 oz. \$1.00; 1/4 oz. \$1.80; 1 oz. \$7.20

Rock Varieties Mixed Low growing types. Tr. Pkt. 35¢; 1/8 oz. 80¢; 1/4 oz. \$1.50; 1 oz. \$5.00.



## SWEET WILLIAM

DIANTHUS BARBATUS (Sweet William) 25,800 Biennial Types 24 ins.

Special Formula Mixture; Giant auricula eyed Choice Mixed Large flowers showing a clearly defined zone  
ing a clearly defined eye. Super Duplex Choice Mixed Extra double and large flowered mixture in bright color range. These 3: Tr. Pkt. 20¢; 1/4 oz. 35¢; 1 oz. \$1.20.

Extra Dwarf Double Mixed 10 ins. tall, very compact and uniform. Good color range; 60-70% dull double flowers.

Indian Carpet Dwarf single mixture; very compact. Wonderful for edging, rockeries. These 2: Tr. Pkt. 30¢; 1/4 oz. 65¢; 1 oz. \$2.20.

Separate Colors 24"

White, Large flowered; Copper Red Wallflower color; Diadem Crimson with la large white eye; Dunnettii Dark crimson flower and foliage; Holborn Glory White ground zones of bright colors; Newport Salmon Salmon rose; Pink Beauty Rose pink shaded salmon; Scarlet Beauty; Nigrescens Darked  
Rose pink shaded salmon; Scarlet Beauty; Nigrescens Darker red than Dunnettii  
Above: Tr. Pkt. 20¢; 1/4 oz. 35¢; 1 oz. \$1.20.

DIGITALIS purpurea (Foxglove) 200,000 S. Biennial 3-5 ft. Very showy border plants.

The Shirley Mixed Long tapering flower spikes with nodding bell-shaped flowers with blotched throats. Rose-pink, red, white. Tr. Pkt. 20¢; 1/4 oz. 30¢; 1 oz. \$1.10.

Shirley Pastel Shades New shades of cream yellow, apricot, rose-pink, heliotrope. Tr. Pkt. 35¢; 1/4 oz. 60¢; 1 oz. \$2.00.

Excelsior Giant Mixed A very different type of foxglove with guge spikes filled on all sides with blooms that stand out horizonatlly.

Excelsior Giant Mixed Avvery different type of foxglove with huge spikes filled on all sides with blooms that stand out horizontally. White, cream, purple, primrose, rose and pink shades. Very striking. Tr. Pkt. 30¢; 1/4 oz. 55¢; 1 oz. \$1.80.

Gloxinaeflora

White; Dark red; Pink Each: Tr. Pkt. 35¢; 1/4 oz. 60¢; 1 oz. \$2.00.

Monstrosa Mixed Top of spike is capped by a huge bell-shaped bloom.  
Tr. Pkt. 35¢; 1/4 oz. 60¢; 1 oz. \$2.00

DICTAMNUS Fraxinella (Gas plant) 1700 S. Freeze before sowing. 2 1/2 ft.

Showy border perennials that get their name from a volatile exudation that flares on being lit. Rose; White Either: Tr. Pkt. 30¢; 1/4 oz. 75¢; 1 oz. \$2.25.

DORONICUM (Leopard bane) 16,800 S. Early spring blooming perennials with large, showy gerbera-like blooms in yellow. 2 ft. Cuts well.

Caucasicum Magnificum Large flowered golden yellow. Tr. Pkt. 60¢; 1/8 oz. 90¢; 1/4 oz. \$1.50.

DODECATHEON (Bird-bill, Shooting star) Early blooming natives with small cyclamen-like flowers in white, ruby-red and intermediate shades are borne above the basal foliage rosette. Partial shade, good drainage and a soil high in humus.

Meadia 10-12". Pinkish-purple to white. Tr. Pkt. 50¢

Western Species Mixed 6-14" Pink to ruby-red. Tr. Pkt. 50¢





GAILLARDIA GOBLIN

DRYAS octopetala An alpine forming a dense mat of tiny oak-like leaves shiny green above, wooly below. Flowers are scattered on short stems. Pure white buttercup type blooms. Rockeries. Tr. Pkt. 60¢; 1/8 oz. \$1.35.

ECHINOPS ritro (Globe thistle) 1600 S. 3-4 ft. A striking border plant with powdery violet-blue globe shaped clusters of flowers 1 1/2" in diameter. Suitable for cutting and for drying for winter bouquets. Tr. Pkt. 20¢; 1/4 oz. 30¢; 1 oz. 90¢.

EDELWEISS See Leontopodium

EREMURUS Foxtail Lily Striking long-lived perennials with yucca-like basal foliage and slender stems capped by exceedingly showy flower spikes. Takes 3-4 years to bloom from seed. 4 to 8 feet tall. Fine for cutting. Freeze seed.

Bungei Yellow flowers with red stems

Bungei Perfectus Orange

Bungei Sulphureus light yellow These 3: Tr. Pkt. \$1.00; 1/8 oz. \$2.50

Himalaicus Large white spikes Tr. Pkt. 85¢; 1/8 oz. \$1.75.

Robustus 8 ft. 2 1/2 ft. tapered spikes of rose-pink flowers Tr. Pkt. 85¢; 1/8 oz. \$1.75.

ERIGERON Fleabane Aster-like daisies

Aurantiacus orange Tr. Pkt. 50¢

Speciosus hybridus grandiflorus lavender 2 1/2 ft. Tr. Pkt. 35¢; 1/8 oz. 80¢

ERYNGIUM Sea Holly

Alpinum superbum 2 1/2 ft. Large flowered, dark blue. Tr. Pkt. 35¢; 1/8 oz. 65¢; 1/4 oz. \$1.20

Giganteum Silver Thistle Greenish white; 3 ft. Tr. Pkt. 30¢; 1/8 oz. 55¢; 1/4 oz. \$1.00.

planum 4 ft. Globular heads, cornflower blue. Tr. Pkt. 25¢; 1/4 oz. 50¢; 1 oz. \$1.80.

EUPHORBIA Milwort, Spurge

Polychroma 7,000 S. 16 - 18" Splendid bright yellow bracts that change to bronze. Tr. Pkt. 85¢; 1/16 oz. \$1.50; 1/8 oz. \$2.75; 1/4 oz. \$4.50.

Myrsinites 2500 S. Succulent silver-green trailing plant with showy yellow bracts in May. Tr. Pkt. 30¢; 1/8 oz. 90¢; 1/4 oz. \$1.65.

ERINUS alpinus Bright purple flowers, charming rock plants. Tr. Pkt. 50¢; 1/16 oz. \$1.80



PERENNIAL GAILLARDIA (*G. grandiflora*) 9500 S. Bright perennials in shades of yellow, orange and mahogany red in various combinations. For border or especially Goblin for rockery. They like sun and good drainage. Taller sorts are very useful for cutting. 10" to 1 1/2 ft.

Bremen Coppery scarlet with yellow tips; Dazzler Yellow with maroon disk; Portola Hybrids Red golden tipped. These 3: Tr. Pkt. 20¢; 1/4 oz. 40¢; 1 oz. \$1.50.

Burgundy Coppery-scarlet; Chloe Yellow; Tangerine Tr. Pkt. 30¢; 1/4 oz. 60¢; 1 oz. \$2.20.

Goblin Dwarf compact red with yellow border; Golden Goblin Yellow dwarf. These 2: Tr. Pkt. 35¢; 1/4 oz. 65¢; 1 oz. \$2.50.

GEUM (*Avens*) 7000 S. Border, rockery; suitable for cutting. Needs some winter protection in north. 2 ft.

Mrs. Bradshaw Double scarlet; Lady Stratheden Golden yellow. These 2: Tr. Pkt. 30¢; 1/8 oz. 45¢; 1/4 oz. 75¢; 1 oz. \$2.50.

Borisi Orange scarlet Tr. Pkt. 75¢; 1/8 oz. \$1.50; 1/4 oz. \$2.75.

Prince of Orange Early flowering, rich orange. Tr. Pkt. 75¢; 1/8 oz. \$1.50; 1/4 oz. \$2.75; 1 oz. \$9.50.

GENTIANA acaulis Dark blue cups on short stems. Tr. Pkt. 40¢; 1/16 oz. 70¢; 1/8 oz. \$1.10.

GYPSOPHILA Perennial Baby's Breath 33,400 S.

Oldhamiana Light rose pink flowers on stiff stems are borne in great profusion in fall. 2 1/2 ft. Tr. Pkt. 25¢; 1/8 oz. 45¢; 1/4 oz. 60¢; 1 oz. \$2.00.

Pacifica Large soft pink flowers bloom between paniculata and Oldhamiana. 3 ft. Tr. Pkt. 35¢; 1/8 oz. 60¢; 1/4 oz. \$1.10; 1 oz. \$3.50.

Paniculata Single Small white flowers in great profusion. Tr. Pkt. 20¢; 1/4 oz. 30¢; 1 oz. 90¢.

Paniculata Double Snow Flake About 50% double. 3 ft. Tr. Pkt. 35¢; 1/8 oz. 70¢; 1/4 oz. \$1.20; 1 oz. \$4.00.

Repens White 6" A spreading plant that bears its tiny flowers in great profusion all summer. Valuable in rockery for summer bloom. Repens Rose Similar; lovely pink flowers. Either: Tr. Pkt. 25¢; 1/8 oz. 45¢; 1/4 oz. 75¢; 1 oz. \$2.20.

HELENIUM 19,600 S.

Bigelowi A beautiful hardy perennial; flowers golden yellow with black center; very striking for cutting.

Riverton Gem Large flowers, orange yellow, dark center. Height 3 ft.

Either: Tr. Pkt. 50¢; 1/8 oz. \$1.00; 1/4 oz. \$1.80.

HELIANTHEMUM Mutabile (*Sun Rose*) 15,000 S. 10 ins. Showy evergreen rock plants. Covered with bloom in mid-summer. Rose, white yellow, pink.

Tr, Pkt. 30¢; 1/4 oz. 55¢; 1 oz. \$1.70.

HELIOPSIS Summer Sun Double bright golden yellow flowers 4 ins. across on long strong stems; July-September. Tr. Pkt. 40¢; 1/8 oz. 90¢; 1/4 oz. \$1.60

HELLEBORUS 3600 S. Freeze before sowing or sow outdoors in fall.

Niger (*Christmas Rose*) 14 ins. Winter blooming. Attractive white flowers 2 1/2 ins. across. Tr. Pkt. 45¢; 1/4 oz. 90¢; 1 oz. \$3.20.

Giant Hybrids White, lavender, pink. Tr. Pkt. \$1.25; 1/8 oz. \$3.00.

HEMEROCALLIS Mixed

Easy from early sown seed. High proportion of pinks and reds. Tr. Pkt. 50¢; 1/8 oz. \$1.00.





*Heuchera Sanguinea* (Coral Bells)



## HIBISCUS HYBRIDS

HEUCHERA sanguinea Coral Bells, Alum root 750,000 S. Summer blooming. 1 1/2' Splendens A host of large bright scarlet bells on stiff stems above the attractive tufted foliage.

Mybrids

Hybrids Mixed colors: white, cream, rose, carmine, scarlet.

Either: Tr. Pkt. 50¢; 1/32 oz. 90¢; 1/16 oz. \$1.60; 1/8 oz. \$3.00.

HIBISCUS 7000 S. Large showy flowers in shades of pink, rose, red and white. Tall plants for the border background.

Mallow Marvels Mixed Big flowers in gay colors. Tr. Pkt. 30¢; 1/4 oz. 50¢; 1 oz. \$1.80.

Avalon Hybrids A longer-blooming f 2 hybrid strain with unusual color variations Very floriferous. Tr. Pkt. 40¢; 1/4 oz. 80¢; 1 oz. \$3.00.

HOLLYHOCK 3000 S. Popular perennial for the border. 6 to 8 ft.

Chater's Double Our suppliers grow hollyhock as a specialty and are doing constant selection to maintain the doubleness and color characteristics.

Chamois; Crimson; Deep scarlet; Lilac; Salmon pink; Sulphur yellow; White Chaters Double Mixed Tr. Pkt. 35¢; 1/4 oz. 60¢; 1 oz. \$2.00

Double Triumph Supreme Mixed Frilled double blooms of large size in a delightful color range. Will bloom first year if started indoors in February.

Tr. Pkt. 35¢; 1/4 oz. 60¢; 1 oz. \$2.00.

HYPERICUM polyphyllum grandiflorum Dwarf, spreading habit. Large yellow flowers. Tr. Pkt. 60¢

IBERIS See Candytuft

INCARVILLEA Hardy gloxinia 6000 S.

Delavayi Handsome hardy perennial, flowers rich rosy carmine, bell-shaped. 2 ft.

Grandiflora brevipes Brilliant carmine, tubular flowers 3 1/2 ins. across. 18" Above 2: Tr. Pkt. 50¢; 1/8 oz. 85¢; 1/4 oz. \$1.50; 1 oz. \$5.20



IRIS 7000 S. Freeze before sowing or sow outdoors in fall. Bloom second year from seed.

Chrysofor Splendid variety of colors and markings; fine for cutting. 12 - 15" high. Will bloom in 12 months from seed. Tr. Pkt. 60¢; 1/8 oz. \$1.10; 1/4 oz. \$2.00.

Kaempferi Choice Mixed Japanese Flag Iris. 2 ft. Tr. Pkt. 40¢; 1/8 oz. 75¢; 1/4 oz. \$1.20; 1 oz. \$3.60.

Higo (Japanese Flag Iris) Blooms year following sowing. Blooms often measure up to 8 inches across in colors of purple, blue, white, lavender. Best sown in shallow water but can be planted elsewhere if abundantly watered. Freeze seeds 2-3 weeks before sowing. Tr. Pkt. \$1.00; 1/16 oz. \$1.85; 1/8 oz. \$3.50

LATHYRUS latifolius (Perennial Sweet Pea) 540 S. 6 ft. long climbing or clam-bering vines with pea-flowers borne in short racemes. Very showy. Useful as a ground cover on banks.

PinkBeauty; Red; White Pearl; Mixed Colors Each: Tr. Pkt. 40¢; 1/4 oz. 75¢; 1 oz.

Each of the above: Tr. Pkt. 35¢; 1/4 oz. 60¢; 1 oz. \$1.80; 4 ozs. \$6.00.

LAVANDULA (Lavender) 30,000 S.

Munstead Strain Dwarf, deep lavender, 1 ft. Tr. Pkt. 40¢; 1/8 oz. 65¢; 1/4 oz. \$1.10; 1 oz. \$3.20.

LIATRIS (Gayfeather) 9500 S. Perennials with long showy spikes excellent for border and for cutting.

pynostachya rose-purple spikes 4 ft.

pynostachya Rose-purple spikes; 4 ft.

Scariosa Purple Stems 3 to 4 ft. high; extra large rosy purple blooms on loosely set spikes. Flowers before pynostachya and is next most desirable.

Scariosa White

Goblin Dwarf; long spikes of deep mauve flowers.

Above: Tr. Pkt. 30¢; 1/8 oz. 60¢; 1/4 oz. 90¢; 1 oz. \$2.60.

LEONTOPODIUM alpinum (Edelweiss, Flannel Flower) 33,600 S. The famous alpine is suitable for a cool spot in a rockery. Tr. Pkt. 50¢; 1/16 oz. 80¢; 1/8 oz. \$1.50.

alpo

alpine is suitable for a cool spot in a rockery. Tr. Pkt. 60¢; 1/16 oz. \$1.00; 1/8 oz. \$1.85.

LINARIA cymbalaria (Kenilworth Ivy) 400,000 S. Trailing plant suitable for boxes, rockeries, etc. Small blue flowers. Tr. Pkt. 30¢; 1/8 oz. 50¢; 1/4 oz. 75¢.



RUSSELL LUPINES



LEWISIA Native western north american rock plants with fleshy foliage rosettes and showy

and showy waterlily-like blooms. Freeze seed.

Howelli Apricot streaked rose 8". A charming plant for a partially shaded spot in a rockery. Wants ample moisture in spring and early summer. Tr. Pkt. 50¢

Rediviva (Bitterroot) Amazing 2 1/2 inch rose-pink blooms appear on short stems before the leaves which are in the form of a fleshy rosette. Must have sunny location with very good drainage. Tr. Pkt. 50¢

## LILIES

Auratum (Gold banded Lily); Philipense Formosanum; Regale. Each: Tr. Pkt. 40¢; 1/4 oz. 85¢; 1 oz. \$3.00.

Tenuifolium Deep scarlet Tr. Pkt. \$1.00; 1/8 oz. \$1.60; 1/4 oz. \$3.00.

LINUM Flax 8500 S. Perennials for border or rockery.

Perenne Blue 2 ft. Light blue flowers in graceful, slender stems.

Perenne White Similar These 2: Tr. Pkt. 20¢; 1/4 oz. 30¢; 1 oz. 60¢

Narbonense Heavenly Blue Luminous ultra-marine blue. Tr. Pkt. 50¢; 1/8 oz. \$1.00.

Flavum compactum 6 ins. Yellow for rockery and border. Tr. Pkt. 40¢; 1/8 oz. 90¢.

LOBELIA cardinalis (Cardinal Flower) 720,000 S.

Illumination Dark leaves, large spike of scarlet flowers.

Queen Victoria Brilliant scarlet Either: Tr. Pkt. \$1.00; 1/64 oz. \$1.90.

LUNARIA biennis (Honesty; Money plant) 1500 S. Flat thin, papery circular seed pods resemble

pod resemble coins. White; Purple; Mixed. Each: Tr. Pkt. 20¢; 1/4 oz. 30¢; 1 oz. 90¢.

PERENNIAL LUPINE (*Lupinus polyphyllus*) 1100 S. Exceedingly showy border perennials. Excellent for cutting. Requires full sun and good drainage. Best in cool climates. 4 ft.

Russell Strain The large florets are closely set on the huge erect flower spikes. Color range includes deep yellow, oranges, purple, red, rose creamy, white in solid or bicolor combination.

Reselected Mixed Grown from originator's stock seed and specially selected. Tr. Pkt. 50¢; 1/2 oz. \$1.25; 1 oz. \$2.00; 4 ozs. \$6.20

Regular Strain Mixed Carefully grown and reselected to maintain standard. Tr. Pkt. 35¢; 1 oz. \$1.00; 4 ozs. \$3.20

Separate Colors

Carmine Shades; Coppery Red Shades; Creamy White; Delicate Rose and White; Ultramarine Blue and White; Yellow Shades.

Each: Tr. Pkt. (1/8 oz.) 35¢; 1/4 oz. 60¢; 1 oz. \$1.60; 4 ozs. \$5.80.

LYCHNIS 65,000 S.

Arkwrightii 16" Large flowers in orange-scarlet to salmon-pink shades. Tr. Pkt. 30¢; 1/8 oz. 50¢; 1/4 oz. 80¢; 1 oz. \$2.50.

Chalcedonica (Maltese Cross) 3 ft. Dense heads of bright scarlet flowers. Tr. Pkt. 20¢; 1/4 oz. 35¢; 1 oz. \$1.20.

Forrestii Hybrids 2 ft. high. Free-flowering in shades of pink, carmine and white. Tr. Pkt. 30¢; 1/4 oz. 60¢; 1 oz. \$1.60



## MATRICARIA



MATRICARIA 140,000 S. Feverfew Sow October and November for greenhouse cutting in spring; January for July cutting outdoors. Dwarf types are suited to borders and may be cut.

Ultra Double White Very high percentage imbricated double. 2 ft. Tr. Pkt. \$1.00; 1/16 oz. \$1.80; 1/8 oz. \$3.20; 1/4 oz. \$5.60

Golden Ball 8" dwarf. Small chrysanthemum-like blooms butter yellow in color.

Snowball A pure white version of the above.

These 2: Tr. Pkt. 35¢; 1/16 oz. 50¢; 1/8 oz. 80¢; 1/4 oz. \$1.40.

White Stars Extra dwarf version of Snowball. However flowers have broad guard petals around button-like center. Tr. Pkt. 40¢; 1/16 oz. 70¢; 1/8 oz. \$1.20; 1/4 oz. \$2.20.

MYOSOTIS (Forget-me-not) 42,000 S.

Palustris semperflorens Pale blue, yellow eye. 10 ins. Blooms all summer. Tr. Pkt. 25¢; 1/4 oz. 50¢; 1 oz. \$1.50.

Alpestris Victoria (biennial) Dwarf bushy plants bearing a profusion of large flowers. Attains a height of 5 to 7 inches.

White; Azure Rose; Mixed Each: Tr. Pkt. 35¢; 1/16 oz. 55¢; 1/8 oz. 80¢; 1/4 oz. \$1.40; 1 oz. \$4.00.

MONARDA (Bergamot; Beebalm) Showy heads of flowers. Bergamot fragrance. Like sun and good drainage. Fine border plants.

Choice Mixed 3-4 ft. Color range from cream through pink, lilac, lavender, rose to deeper shades of red. Tr. Pkt. 35¢; 1/8 oz. 60¢; 1/4 oz. \$1.10.

Menthaefolia Purplish-red; 18 ins. high. Tr. Pkt. 40¢

MECONOPSIS

Baileyi Reselected (Blue Poppy) Clear blue. 3 ft. Tr. Pkt. 75¢; 1/32 oz. \$1.20

Cambrica Welsh Poppy 10 ins. Yellow. Tr. Pkt. 50¢ 1/16 oz. \$1.00.

OENOTHERA (Evening Primrose) Showy perennials with very large white or yellow flowers.

Fruticosa Youngii Large golden yellow blooms. 1 1/2 ft. Tr. Pkt. 20¢; 1/4 oz. 75¢; 1 oz. \$2.50.

Missouriensis (macrocarpa) Soft yellow; 1 ft. Tr. Pkt 45¢; 1/8 oz. \$1.00; 1/4 oz. \$1.80.

Speciosa Rosea White turning pink. 2 ft. Tr. Pkt. 50¢; 1/16 oz. 90¢; 1/8 oz. \$1.75; 1/4 oz. \$3.20.

NEPETA Aromatic compact plants with blue flowers. 1 ft.

Mussini Blue flowers in June. Tr. Pkt. 20¢; 1/8 oz. 40¢; 1/4 oz. 75¢; 1 oz. \$2.80.

Nervosa Clear light blue, brighter than Mussini; blooms from midsummer on. Tr. Pkt. 30¢; 1/8 oz. 70¢; 1/4 oz. \$1.20; 1 oz. \$4.20.



**PENSTEMON** (Beardtongue) Hardy perennials of considerable diversity in regard to growth habit, flower size and color. All like full sun and good drainage.

Hardy Perennial Blend A mixture of botanic species including many types and colors but especially rich in blues and lavenders. 8 - 18". Tr. Pkt. 40¢; 1/8 oz. 60¢; 1/4 oz. \$1.00.

Penstemon barbata (Chelone barbatus) Mixed 3 ft.

Penstemon barbata Coral Red Either: Tr. Pkt. 30¢; 1/8 oz. 45¢; 1/4 oz. 80¢; 1 oz. \$2.40.

gentianoides grandiflorus Mixed Very large flowers; color range from white to deep scarlet. Tr. Pkt. 60¢; 1/4 oz. \$1.20; 1 oz. \$3.80.

**PEONY** 100 S. Freeze seeds

Garden Varieties Mixed 50 Seeds. \$1.50

**PHLOX** Perennial (Decussata) 2600 S. Freeze before sowing or sow outside in fall to winter over. 3 ft.

Extra Large flowered Mixed Wide color range. Tr. Pkt. 35¢; 1/8 oz. 60¢; 1/4 oz. 90¢; 1 oz. \$2.80.

**PHYSALIS** Francheti (Chinese Lantern Plant) 18,000 S. Orange-scarlet inflated pods are dried for winter bouquets.

Francheti 2 ft. Tr. Pkt. 30¢; 1/8 oz. 50¢; 1/4 oz. 70¢; 1 oz. \$2.20.

\* Francheti Pygmy Only 8 ins. high. Suitable for pot culture. Tr. Pkt. 60¢; 1/8 oz. \$1.10; 1/4 oz. \$2.10; 1 oz. \$7.00.

**PHYSOSTEGIA** virginiana

White Fine pyramidal habit; 2 ft. high. Large spikes of white flowers.

Compact Rose Either: Tr. Pkt. 40¢; 1/8 oz. 70¢; 1/4 oz. \$1.25.

**PLATYCODON** (Balloon Flower) 28,000 S. Similar to Campanula but with inflated balloon-like flowers.

Grandiflora Early Blue 24"; Grandiflora Early White; Mariesii Dark blue 16"

These 3: Tr. Pkt. 40¢; 1/8 oz. 80¢; 1/4 oz. \$1.50

**POLEMONIUM** coeruleum Blue flowers. 30 ins. (Jacob's Ladder) Tr. Pkt. 30¢;

1/4 oz. 60¢; 1 oz. \$2.30.

## PERENNIAL POPPIES

**POPPY, ICELAND** (Papaver nudicaule) 2/0,000 S. 1 ft. For greenhouse forcing and for outdoor use in borders and rockeries. Cut in bud.

\* Gartford Giants Mixed Very fine strain with rich color mixture and excellent stems. Tr. Pkt. 50¢; 1/4 oz. 75¢; 1 oz. \$2.50

The Emperor Very large flowering orange

Cardinal Large flowered scarlet These 2: Tr. Pkt. 35¢; 1/8 oz. 60¢; 1/4 oz. \$1.10

Giant Artist's Glory An excellent early flowering pastel strain with 3 1/2 inch flowers on 14 to 18" stems. Flower colors include many shades of salmon-pink to light rose, including apricot-pink, salmon-pink, blush pink as well as buff yellow and salmon-orange. Tr. Pkt. 60¢; 1/8 oz. \$1.00; 1/4 oz. \$1.80.

Coronation Giants Light pastel mixture composed of gold, apricot, champagne and buff with no white, orange or chrome to disturb the effect. Very heavy stems, large flowers beautifully creped. Tr. Pkt. 60¢; 1/8 oz. \$1.00; 1/4 oz. \$1.80.



## Primula acaulis Première

Première is captivating at first sight by its different new habit of plant. The short, narrow leaves are forming a flat rosette and are surrounding the central flower bouquet. There are no leaves to be seen between the flowers. By this means the color effect is intensified.



POPPY, ORIENTAL (*Papaver orientale*) 150,000 S. Brilliant showy flowers on 3 ft. high plants in May and June. Perennial border. Colors will not come 100% true but will give a high percentage. Will bloom first year from seed if started early. Beauty of Livermore Dark red; Brilliant Vivid fiery red; Carneum Salmon-flesh'; Colossal Giant Bright red; Goliath Huge dark red; Perry's White Colossal Giant bright red; Goliath Huge dark red; Princess Victoria Louise Delicate salmon-pink; Queen Alexandra Bright rosy salmon with conspicuous red blotch; Rembrandt Magnificent orange-scarlet.  
Above varieties: Tr. Pkt. 40¢; 1/8 oz. 90¢; 1/4 oz.  
Above varieties: Tr. Pkt. 35¢; 1/8 oz. 60¢; 1/4 oz. \$1.10  
Apricot Queen; Perry's White Tr. Pkt. 75¢; 1/16 oz. \$1.25; 1/8 oz. \$2.25; 1/4 oz. \$4.00.  
Oriental Poppy Choice Mixed Tr. Pkt. 30¢; 1/4 oz. 50¢; 1 oz. \$1.60.

ALPINE POPPY (*Papaver alpinum*) Charming very dwarf poppies in various colors suitable for border edge or rockery. 6 ins. Tr. Pkt. 50¢; 1/32 oz. 90¢; 1/16 oz. \$1.60; 1/8 oz. \$2.50.

## HARDY PERENNIAL PRIMULAS

POLYANTHUS (*Primula veris*) *P. veris* - *elatior* hybrids These are the most widely grown hardy primulas; about 10 days later than *acaulis*. The large flowers are born in an umbel above the basal crinkled foliage. Very popular spring blooming plants for beds, borders and pots. Very wide color range. Do best in cooler climates. Seeds germinate best at 75 degrees or lower.

### COLOSSAL

#### Colossal Mixed

Colossal Mixed A fine strain of large flowered types in a wide color range. Flower size varies somewhat. Tr. Pkt. 90¢; 1/8 oz. \$1.60; 1/4 oz. \$3.00; 1 oz. \$9.50.

Giant Munstead Strain Mixed A mixture of white, cream, primrose, yellow and orange shades. Tr. Pkt. 50¢; 1/8 oz. 90¢; 1/4 oz. \$1.60; 1 oz. \$5.40.

Pacific Giants (Hand pollinated under glass)

Pacific Giants (Hand pollinated under glass)

Scarlet and Bright Red; Rose Shades; Pink Shades; Yellow and Bronze Shades; White; Blue Shades; Formula Mixed. Tr. Pkt. 400 Seeds \$3.00.

Pacific Giants (Vetterle and Reinelt)



PRIMULA ACAULIS Early blooming primulas similar to polyanthus except that each flower terminates a stem that rises from the basal leaf rosette. Very bright colors include yellow, red, blue, white. Earlier blooming than polyanthus. 30,000 S.

Premiere New shape of plants; short narrow leaves form flat rosettes surrounding the central flower bouquets. Color effect is intensified. Fine color range.

Tr. Pkt. (100 S.) \$1.00.

Potsdam Strain A very fine giant flowered strain of acaulis.

White; Yellow; Light red; Copper Red; Red; Light Blue; Blue; Blend.

Tr. Pkt. (100 S.) 90¢.

#### OTHER HARDY PRIMULAS

Primula auricula Monarch Strain Mixed Rosettes of thick leaves with 6 inch stalks bearing compact clusters of large auricula blooms in shades of deep red, crimson, bronze, copper, terra cotta and orange. Tr. Pkt. 50¢; 1/8 oz. \$1.10; 1/4 oz. \$2.00; 1 oz. \$6.00.

Primula beesiana Velvety purple flowers in whorls

Primula bulleesiana hybrids Yellow, orange, apricot, carmine shades

Primula bulleyana Golden Successive whorls

Primula cortusoides Rose

Primula florindae Yellow 3 to 4 ft. Handsome and vigorous Shade and moisture.

Primula japonica Mixed White, pale pink, rose-pink to cerise.

Primula Millar's Crimson Bright red 3 ft.

Primula pulverulenta Purple carmine whorls

Primula Sikkimensis Late spring blooming Yellow bells; fragrant.

Above 9: Tr. Pkt. 50¢; 1/32 oz. \$1.50

Primula Cashmiriana Lilac Flowers are closely set in a globe-form cluster atop the stems. 9". Very early. Tr. Pkt. 75¢; 1/32 oz. \$1.50.

Primula Cashmiriana White Pure white flowers. Tr. Pkt. 85¢; 1/64 oz. \$1.50.

Primula Cashmiriana Ruby Tr. Pkt. \$1.50; 1/64 oz. \$3.00.

Primula denticulata Similar to Cashmiriana except that it is more robust. 12".

Mixed Lavender, heliotrope and white. Tr. Pkt. 85¢; 1/64 oz. \$1.50.

POTENTILLA (Cinquefoil) Buttercup-like flowers; 10 ins. high. Rockery or border edge.

Miss Willmott Carmine scarlet. Double Mixed ; Warrensii Bright yellow.

Above 3: Tr. Pkt. 50¢; 1/8 oz. 75¢; 1/4 oz. \$1.40

PYRETHRUM hybridum garndiflorum (Painted Daisy) 17,000 - 22,000S. 2 feet high. Popular border plants. Excellent cut-flower in early summer.

James Kelway Excellent deep crimson

Robinson's Single Giant Mixed Extra large flowers on stiff stems.

Robinson's Single Dark Crimson Deep rosy carmine

Robinson's Single Rose Very large flowered

Above varieties: Tr. Pkt. 40¢; 1/8 oz. 70¢; 1/4 oz. \$1.20; 1 oz. \$4.00.

Extra Double Market Strain Mixed Will produce a high percentage of doubles with some singles. The doubleness is better the second year. Tr. Pkt. 50¢; 1/8 oz. 90¢; 1/4 oz. \$1.60; 1 oz. \$5.60.

Super Duplex Strain A new introduction coming about 80% double in second year with strong clear stems and large blooms

Super Duplex White; Super Duplex Yellow; Super Duplex Salmon Pink; Super Duplex Dark Red; Super Duplex Mixed Tr. Pkt. 50¢; 1/32 oz. 85¢; 1/16 oz. \$1.50; 1/4 oz. \$4.50.





POLYANTHA ROSE (Baby Rose) Single, semi-double and double blooms in shades of white rose and pink. 100 Seeds 60¢; 500 Seeds \$2.50.

RUDBECKIA Purpurea (Coneflower) Perennial. 4 ft. Reddish purple flowers. 7000 S. Tr. Pkt. 35¢; 1/4 oz. 60¢; 1 oz. \$2.20.

SAGINA subulata (*Spergula pilifera*) A very dwarf, dense tufted plant with small white flowers. Used primarily for green color in place of grass, between rocks etc. Tr. Pkt. 50¢; 1/64 oz. 90¢; 1/32 oz. \$1.70.

SAPONARIA ocymoides (Rock soapwort) A very striking spreading plant completely covered in late spring with rose pink flowers. Excellent where it can trail. A well grown plant will develop a spread of 2 feet. Tr. Pkt. 25¢; 1/4 oz. 45¢; 1 oz. \$1.60.

SALVIA Patens (Gentian Sage) 3800 S. 2 1/2 ft. Rich sky blue. Tr. Pkt. 75¢; 1/8 oz. \$1.25; 1/4 oz. \$2.00

SALVIA azurea grandiflora (Pitcheri) 40". Sky blue; quite hardy. Tr. Pkt. 40¢; 1/8 oz. 80¢; 1/4 oz. \$1.50

SALVIA Jurisici Dwarf deep blue; rockery or border edge. Tr. Pkt. 50¢; 1/8 oz. \$1.75.

SAXIFRAGA (Saxifrage) Splendid dwarf plants for rockery or border edge.

caespitosa decipiens grandiflora White

caespitosa Flower Carpet Bright carmine

caespitosa Purple Robe Crimson These 3:

Mossy species Mixed These 4: Tr. Pkt. 50¢; 1/16 oz. 90¢; 1/8 oz. \$1.60; 1/4 oz. \$3.00.

#### SCABIOSA Perennial Sorts

Caucasica House Hybrids Blooms fringed and ruffled; shades of blue from lavender silvery blue to dark blue. Very large flowers. 18-24". Tr. Pkt. 45¢; 1/8 oz. 65¢; 1/4 oz. \$1.10; 1 oz. \$4.00

Caucasica Perfecta Large flowered blue; Caucasica White; Caucasica Mixed includes white and shades of blue. Each: Tr. Pkt. 45¢; 1/8 oz. 65¢; 1/4 oz. \$1.10; 1 oz. \$4.00

Fischeri 36" deep blue. Blooms first year if started early.

Webbiana 22" Bushy plants with creamy white flowers. These 2: Tr. Pkt. 50¢; 1/16 oz. \$1.00.



SEDUM (Orpine, stonecrop) Fleshy rock plants useful because of attractive foliage as well showy blooms. 6-10 ins.

Reflexum Chamaeleon Variegated leaves; Reflexum Elegant Pike-grey cushions, 8", yellow flowers June-August; Spectabile Glaucous foliage, pink flowers. 1 ft.; Spurium coccineum Bright rose. Each: Tr. Pkt. 50¢; 1/64 oz. \$1.00

SEMPERVIVUM (Hen and Chicken) Perennial Mixed Tr. Pkt. 50¢; 1/128 oz. \$1.00

SOLDANELLA alpina 6" rose purple. Rockery. Tr. Pkt. 50¢ 1/32 oz. \$1.00.

SILENE Schafta Rosy purple; very showy; trailing. Tr. Pkt. 60¢

SOLIDAGO (Golden Rod)

Early Gold 18 inch sprays of yellow flowers. 5 ft. high.

Golden Baby early 2 ft. Either: Tr. Pkt. 35¢; 1/8 oz. \$1.10

SPERGULA See Sagina

STATICE (Sea Lavender) Perennial Sorts 10,000 S Hosts of small flowers.

Caspia Lilac 2 1/2 ft; Dumosa Dense cushions of silvery flowers; Incana (tartarica) White 1 1/2 ft.; Incana Rose; Latifolia Mid blue 2 1/2 ft.

Above: Tr. Pkt. 25¢; 1/4 oz. 90¢.

STACHYS lanata (Elephant Ear) Low growing perennials with exceedingly silvery-wooly foliage and dark rose flowers. Tr. Pkt. 35¢; 1/4 oz. \$1.00.

STOKESIA (Stoke's Aster) 3300 S. A fine summer perennial. 20"

Cyanea Large blue flowers. Cyanea Mixed Colors Either: Tr. Pkt. 40¢; 1/8 oz. 75¢; 1/4 oz. \$1.30; 1 oz. \$3.80.

SWEET PEA, Perennial See Lathyrus

SWEET WILLIAM See Dianthus barbatus

THALICTRUM Rue Fine perennials with foliage of value for cutting. The flowers are showy too.

Adiantifolium Foliage like maidenhair fern. Small white flowers. 2 ft. tall.

Aquilegifolium Mixed Tall border plants. 4 ft. Feathery mauve or white blooms.

dipterocarpum Lilac rose.

These 3: Tr. Pkt 25¢; 1/4 oz. 50¢; 1 oz. \$1.60.

THERMOPSIS Caroliniana Hardy perennial with lupine like spikes of yellow pea flowers. Fine for cutting. 3 ft. Freeze seed before sowing or sow outside in fall. Tr. Pkt. 25¢; 1/8 oz. 40¢; 1/4 oz. 70¢; 1 oz. \$2.20.

THYMUS serpyllum Dwarf Thyme Fragrant creeping herbs.

Serpyllum Purple flowers. Tr. Pkt 30¢; 1/8 oz. 60¢; 1/4 oz. \$1.10

Serpyllum coccineum bright red flowers. Tr. Pkt. 40¢; 1/16 oz. 70¢; 1/8 oz. \$1.20; 1/4 oz. \$2.30.

TRITOMA (Red Hot Poker) 12,600 S. Attractive perennials with 3 ft. spikes of bright colored flowers from mid-summer until frost. Dig and store tubers over winter.

Semperflorens New Early Hybrids Showy spikes of lemon yellow, citron, orange and coral shades. Tr. Pkt. 25¢; 1/4 oz. 50¢; 1 oz. \$1.60.





*VIOLA*

TROLLIUS (Globe Flower) 7500 S. Freeze seeds. Needs abundant moisture.

Ledebouri Golden Queen 2 ft. Rich golden yellow. New Hybrids Mixed Lemon, golden yellow, orange. Either: Tr. Pkt. 40¢; 1/16 oz. 70¢; 1/8 oz. \$1.20; 1/4 oz. \$2.30.

VERBASCUM Mullein

Phoeniceum hybrids Mixed colors including shades of pink, white, salmon, purple. 3 ft.

Harkness Hybrids Wide color range Either: Tr. Pkt. 35¢; 1/16 oz. 60¢; 1/8 oz. 90¢ 1/4 oz. \$1.60.

VERONICA (Speedwell) 224,000 S.

fruticulosa Flesh colored, dwarf; 6". Cushions. For sunny rockery. May-June.

Tr. Pkt. 50¢; 1/32 oz. 80¢; 1/16 oz. \$1.50.

gentianoides Light blue 2 ft. May-Sept. Tr. Pkt 35¢; 1/16 oz. 70¢

incana (candida) Violet blue, pretty white foliage 1 ft. Showy for rockery. Tr. Pkt. 45¢; 1/32 oz. 70¢; 1/16 oz. \$1.25; longifolia Dense long blue racemes; 2 1/2 ft.

Tr. Pkt. 30¢; 1/4 oz. 60¢. repens white and light blue, trailing Tr. Pkt 45¢; 1/32

oz. 70¢; 1/16 oz. \$1.25. spicata Blue 2 ft. June to August. Good cut flower.

Tr. Pkt. 35¢; 1/4 oz. 80¢.

VIOLA (Tufted Pansy) Viola cornuta 24,000 S. Violas are very valuable because of their mass color effects, their long blooming periods from earliest spring to late fall (except for the period of hot weather) and their ease of culture. They are excellent for cutting. They are handled the same as pansies and may be considered as half-hardy perennials that bloom the first year from seed.

Arkwright Ruby Ruby red to terra cotta; Blue Perfection Robust light blue; Chantreyland apricot; Yellow Perfection Fine canary yellow; White Perfection Large flowered creamy white; Named Varieties Mixed Each: Tr. Pkt. 50¢; 1/8 oz. 80¢; 1/4 oz. \$1.30; 1 oz. \$4.50.

Bambini Mixed Zonings and whisker-like markings similar to Feliz pansy. Many unusual colors. Tr. Pkt. 60¢; 1/8 oz. \$1.00; 1/4 oz. \$1.80; 1 oz. \$5.00.

VIOLA odorata (Sweet Violet)

semperflorens blue; The Czar Large flowered blue Either: Tr. Pkt. 60¢; 1/8 oz. \$1.00; 1/4 oz. \$1.80; 1 oz. \$5.00.

YUCCA filimentosa (Spanish Bayonet) 1800 S.. Freeze seeds. Striking lilies with stalks of creamy white cups borne above the clumps of sword-like foliage. Sunny dry location. Tr. Pkt. 50¢; 1/8 oz. 80¢; 1/4 oz. \$1.40.



## VEGETABLE SEEDS FOR GROWERS

|                                 | <u>1/4 oz</u> | <u>1/2 oz.</u> | <u>oz.</u> | <u>1/4 lb.</u> | <u>lb.</u> |
|---------------------------------|---------------|----------------|------------|----------------|------------|
| BROCCOLI                        |               |                |            |                |            |
| Green Sprouting De Cicco, Early |               | \$ .25         | .40        | 1.20           | 3.60       |
| BRUSSELS SPROUTS                |               |                |            |                |            |
| Long Island Improved-----       |               | .40            | .50        | 1.50           | 4.50       |
| CABBAGE                         |               |                |            |                |            |
| Copenhagen Market-----          |               | .30            | .50        | 1.50           | 4.50       |
| Early Jersey Wakefield-----     |               | .30            | .40        | 1.10           | 3.25       |
| Golden Acre-----                |               | .35            | .55        | 1.65           | 5.00       |
| Danish Ballhead, short stem---  |               | .30            | .50        | 1.50           | 4.50       |
| Premium Late Flat Dutch-----    |               | .30            | .40        | 1.10           | 3.25       |
| Red Rock-----                   |               | .30            | .50        | 1.50           | 4.50       |
| Savoy Chieftain-----            |               | .35            | .55        | 1.65           | 5.00       |
| O-S Cross F-1 Hybrid-----       | \$1.25        | 2.00           | 3.20       |                |            |
| Early Flat Dutch (Steins)-----  |               | .30            | .40        | 1.10           | 3.25       |
| CAULIFLOWER                     |               |                |            |                |            |
| Super Snowball-----             | .90           | 1.65           | 3.00       | 8.75           |            |
| Early Snowball-----             | .90           | 1.65           | 3.00       | 8.75           |            |
| CELERY                          |               |                |            |                |            |
| Golden Self Blanching Tall----  |               | .60            | 1.10       | 3.20           |            |
| Utah No. 52-70 new green Pascal |               | .60            | 1.10       | 3.20           |            |
| CUCUMBER                        |               |                |            |                |            |
| Improved Long Green-----        |               |                | .30        | .80            | 2.35       |
| Boston Pickling-----            |               |                | .30        | .65            | 2.00       |
| Burpee F 1 Hybrid Tr Pkt. .40   | 1.20          | 1.90           | 3.60       | 10.80          |            |
| EGGPLANT                        |               |                |            |                |            |
| Black Beauty-----               |               | .55            | 1.00       | 3.00           |            |
| F 1 Hybrid No. 25 1/8 oz 1.45   | 2.60          | 4.30           | 7.80       |                |            |
| HERBS                           |               |                |            |                |            |
| Cho                             |               |                |            |                |            |
| Chives (Allium Schoeno.)-----   |               | .75            | 1.35       | 4.10           |            |
| Rosemary-----Tr. Pkt. 35¢       | .60           | 1.10           | 2.20       |                |            |
| Sage, Broadleaf-----            |               | .40            | .65        | 1.90           |            |
| Thyme----- Tr. Pkt. 30¢         | .50           | .90            | 1          |                |            |
| LETTUCE                         |               |                |            |                |            |
| Great Lakes -----               |               | .35            | .60        | 1.85           |            |
| New York No. 12 -----           |               | .25            | .45        | 1.35           | 4.00       |
| Grand Rapids (leaf)-----        |               | .15            | .25        | .75            | 2.10       |
| Salad Bowl (leaf)-----          |               | .35            | .60        | 2.00           | 6.00       |
| ONION                           |               |                |            |                |            |
| Bermuda Yellow-----             |               | .25            | .40        | 1.20           | 3.60       |
| White Crystal Wax -----         |               | .25            | .40        | 1.20           | 3.60       |
| Sweet Spanish Yellow Utah ----- |               | .35            | .60        | 1.85           | 5.50       |
| Sweet Spanish White Utah-----   |               | .40            | .65        | 1.90           | 5.80       |
| PARSLEY                         |               |                |            |                |            |
| Extra Triple Curled-----        |               | .20            | .30        | .80            | 2.25       |



## VEGETABLE SEEDS FOR GROWERS

|                              | <u>1/4 oz.</u> | <u>1/2 oz.</u> | <u>oz.</u> | <u>1/4 lb.</u> | <u>lb.</u> |
|------------------------------|----------------|----------------|------------|----------------|------------|
| <b>PEPPER (SWEET)</b>        |                |                |            |                |            |
| California Wonder-----       |                | .40            | .70        | 2.65           | 8.00       |
| Golden Wonder-----           |                | .60            | 1.00       | 3.35           |            |
| Oakview Wonder-----          |                | .65            | 1.10       | 3.85           | 11.20      |
| Bell or Bullnose-----        |                | .40            | .70        | 2.60           | 7.50       |
| Neapolitan-----              |                | .40            | .70        | 2.60           | 7.50       |
| Pimiento (Perfection)-----   |                | .50            | .90        | 3.20           | 0          |
| Sunnybrook-----              |                | .40            | .70        | 2.60           | 7.50       |
| Yolo Wonder-----             |                | .50            | .90        | 2.90           | 8.50       |
| <b>PEPPER (HOT)</b>          |                |                |            |                |            |
| Cayenne, Long Red Narrow---  |                | .40            | .75        | 2.60           | 8.00       |
| Cayenne Lg Red Thick-----    |                | .40            | .75        | 2.60           | 8.00       |
| Hungarian Yellow Wax-----    |                | .50            | .90        | 2.90           | 8.50       |
| Large Red Cherry-----        |                | .55            | 1.00       | 3.10           | 9.50       |
| Chili, Small Red-----        |                | .40            | .75        | 2.60           | 8.00       |
| Tobasco Red Hot-----         |                | .80            | 1.50       | 4.50           |            |
| <b>TOMATO</b>                |                |                |            |                |            |
| Bonny Best-----              |                | .40            | .75        | 2.50           | 7.60       |
| Bonny Best Certified-----    |                | .45            | .80        | 2.70           | 8.00       |
| Earliana-----                |                | .50            | .90        | 3.00           | 9.00       |
| John Baer-----               |                | .45            | .80        | 2.70           | 8.00       |
| Marglobe Certified-----      |                | .55            | .95        | 2.90           | 8.75       |
| Oxheart-----                 |                | .75            | 1.35       | 4.20           |            |
| Gulf State Market-----       |                | .55            | 1.00       | 3.20           |            |
| Ponderosa-----               |                | .60            | 1.10       | 3.50           | 10.80      |
| Rutgers-----                 |                | .40            | .75        | 2.50           | 7.60       |
| Stokesdale Certified-----    |                | .45            | .80        | 2.70           | 8.00       |
| Victor-----                  |                | .45            | .80        | 2.70           | 8.20       |
| Improved Wasatch Beauty----- |                | .90            | 1.60       | 4.00           |            |
| Crimson Cushion or Beefsteak |                | .55            | 1.00       | 3.25           | 9.60       |
| Golden Jubilee-----          |                | .50            | .90        | 3.00           | 9.00       |
| Yellow Pear-----             |                | .50            | .90        | 3.00           |            |
| Red Cherry-----              |                | .50            | .90        | 3.00           |            |
| Yellow Husk or Ground Cherry |                | .50            | .90        | 3.00           |            |
|                              | Tr. Pkt.       | 1/16oz.        | 1/8 oz.    | 1/4 oz.        | 1/2 oz.    |
| Burpee Big Early Hybrid      | \$1.00         | 2.50           | 4.50       | 8.50           | 16.00      |
| Burpeeana Early Hybrid       | .90            | 2.00           | 3.50       | 6.00           | 11.00      |
| Big Boy Giant Hybrid         | 1.00           | 2.50           | 4.50       | 8.50           | 16.00      |
| Early Hybrid No. 21          |                | 1.20           | 2.00       | 3.50           | 6.50       |
| Washington Forcing           |                |                | .70        | 1.25           | 2.25       |
| Tiny Tim                     |                | .40            | .65        | 1.00           | 1.70       |
|                              |                |                |            |                | oz.        |
|                              |                |                |            |                | 30.00      |
|                              |                |                |            |                | 21.00      |
|                              |                |                |            |                | 30.00      |
|                              |                |                |            |                | 12.50      |
|                              |                |                |            |                | 4.00       |
|                              |                |                |            |                | 3.30       |



Tomato, Wasatch Beauty



Cabbage, Copenhagen Market



Pepper, California Wonder





F 1 HYBRID DWARF GIANT OF CALIFORNIA PETUNIA  
A new Sakata strain that is dwarf in habit but with  
hybrid vigor. Nearly 100% large flowered.



HIGO JAPANESE FLAG IRIS